

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067734.D
 Acq On : 14 Jul 2021 10:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:43:12 AM

Quant Time: Jul 14 17:44:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	432276	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	762335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	741650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	369045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	314495	48.139	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.280%		
35) Dibromofluoromethane	8.021	113	240517	52.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.440%		
50) Toluene-d8	10.443	98	1006516	52.208	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.420%		
62) 4-Bromofluorobenzene	12.733	95	365185	53.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	198174	53.936	ug/l	99
3) Chloromethane	2.301	50	248847	42.761	ug/l	97
4) Vinyl Chloride	2.443	62	379178	43.172	ug/l	98
5) Bromomethane	2.834	94	293655	49.085	ug/l	99
6) Chloroethane	3.006	64	279349	46.445	ug/l	98
7) Trichlorofluoromethane	3.365	101	705311	53.016	ug/l	99
8) Diethyl Ether	3.819	74	138190	39.525	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.199	101	209458	52.283	ug/l	96
10) Methyl Iodide	4.414	142	259042	54.279	ug/l	92
11) Tert butyl alcohol	5.385	59	226927	241.722	ug/l	# 84
12) 1,1-Dichloroethene	4.170	96	193623	50.374	ug/l	88
13) Acrolein	4.038	56	148804	326.413	ug/l	96
14) Allyl chloride	4.832	41	347375	49.165	ug/l	95
15) Acrylonitrile	5.554	53	605174	259.900	ug/l	99
16) Acetone	4.285	43	521475	253.676	ug/l	94
17) Carbon Disulfide	4.519	76	523510	49.169	ug/l	99
18) Methyl Acetate	4.854	43	281132	48.690	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	823771	51.719	ug/l	100
20) Methylene Chloride	5.090	84	248036	51.710	ug/l	92
21) trans-1,2-Dichloroethene	5.594	96	233652	51.415	ug/l	88
22) Diisopropyl ether	6.498	45	830054	51.771	ug/l	97
23) Vinyl Acetate	6.433	43	3514234	256.375	ug/l	95
24) 1,1-Dichloroethane	6.388	63	444080	49.684	ug/l	99
25) 2-Butanone	7.337	43	860424	252.064	ug/l	95
26) 2,2-Dichloropropane	7.324	77	404620	51.800	ug/l	95
27) cis-1,2-Dichloroethene	7.321	96	287419	50.540	ug/l	86
28) Bromochloromethane	7.656	49	203822	46.732	ug/l	# 80
29) Tetrahydrofuran	7.686	42	561851	250.291	ug/l	92
30) Chloroform	7.817	83	499958	49.798	ug/l	99
31) Cyclohexane	8.094	56	403286	44.025	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	437834	50.293	ug/l	98
36) 1,1-Dichloropropene	8.220	75	364374	51.455	ug/l	96
37) Ethyl Acetate	7.415	43	352953	51.441	ug/l	98
38) Carbon Tetrachloride	8.204	117	377087	53.985	ug/l	98
39) Methylcyclohexane	9.461	83	412952	53.269	ug/l	90
40) Benzene	8.458	78	1088097	51.333	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067734.D
 Acq On : 14 Jul 2021 10:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:43:12 AM

Quant Time: Jul 14 17:44:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	182460	51.742	ug/l	95
42) 1,2-Dichloroethane	8.531	62	406724	51.669	ug/l	96
43) Isopropyl Acetate	8.563	43	625116	51.794	ug/l	95
44) Trichloroethene	9.217	130	282247	52.468	ug/l	86
45) 1,2-Dichloropropane	9.491	63	273787	51.016	ug/l	98
46) Dibromomethane	9.579	93	203905	53.547	ug/l	94
47) Bromodichloromethane	9.764	83	394598	53.006	ug/l	97
48) Methyl methacrylate	9.561	41	272210	50.994	ug/l	93
49) 1,4-Dioxane	9.571	88	100586	948.801	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	1968718	265.514	ug/l	95
52) Toluene	10.507	92	751984	54.158	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	445008	50.158	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	457588	55.271	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	291283	54.741	ug/l	97
56) Ethyl methacrylate	10.765	69	463872	56.585	ug/l	91
57) 1,3-Dichloropropane	11.046	76	482035	52.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	457862	212.201	ug/l	92
59) 2-Hexanone	11.087	43	1420339	274.430	ug/l	94
60) Dibromochloromethane	11.240	129	313443	48.090	ug/l	99
61) 1,2-Dibromoethane	11.350	107	303937	55.947	ug/l	99
64) Tetrachloroethene	10.979	164	277239	52.957	ug/l	96
65) Chlorobenzene	11.773	112	808880	53.103	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	303981	56.734	ug/l	100
67) Ethyl Benzene	11.846	91	1488863	53.692	ug/l	97
68) m/p-Xylenes	11.956	106	1159058	110.513	ug/l	87
69) o-Xylene	12.283	106	564734	54.767	ug/l	87
70) Styrene	12.296	104	954927	57.892	ug/l	93
71) Bromoform	12.463	173	220132	46.551	ug/l #	99
73) Isopropylbenzene	12.581	105	1484188	49.845	ug/l	97
74) N-amyl acetate	12.390	43	555141	51.391	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	427271	49.443	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	368155m	48.849	ug/l	
77) Bromobenzene	12.862	156	340742	51.704	ug/l	74
78) n-propylbenzene	12.924	91	1712992	50.865	ug/l	95
79) 2-Chlorotoluene	13.010	91	1015579	49.914	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1243242	51.530	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	125164	53.544	ug/l	95
82) 4-Chlorotoluene	13.106	91	1029839	51.150	ug/l	90
83) tert-Butylbenzene	13.326	119	1038564	50.475	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	1232595	52.139	ug/l	93
85) sec-Butylbenzene	13.503	105	1474433	51.778	ug/l	96
86) p-Isopropyltoluene	13.618	119	1234438	53.720	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	659405	53.935	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	644757	51.509	ug/l	95
89) n-Butylbenzene	13.946	91	1039082	52.719	ug/l	97
90) Hexachloroethane	14.214	117	203680	53.369	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	624357	52.905	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	77007	51.307	ug/l	68
93) 1,2,4-Trichlorobenzene	15.265	180	287998	47.015	ug/l	99
94) Hexachlorobutadiene	15.372	225	138294	55.768	ug/l	99
95) Naphthalene	15.507	128	831845	46.276	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	273270	46.564	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067734.D
Acq On : 14 Jul 2021 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:43:12 AM

Quant Time: Jul 14 17:44:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
Data File : VN067734.D
Acq On : 14 Jul 2021 10:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/16/2021 10:43:12 AM

Quant Time: Jul 14 17:44:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

