

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068290.D
 Acq On : 24 Aug 2021 16:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 3:18:26 PM

Quant Time: Aug 25 03:11:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	646607	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	950667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	930183	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	486024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338024	48.961	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.920%
35) Dibromofluoromethane	8.021	113	315798	52.910	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.820%
50) Toluene-d8	10.443	98	1238773	54.470	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.940%
62) 4-Bromofluorobenzene	12.734	95	426963	56.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	227233	44.351	ug/l	100
3) Chloromethane	2.301	50	243944	42.143	ug/l	97
4) Vinyl Chloride	2.443	62	388644	42.848	ug/l	96
5) Bromomethane	2.837	94	349673	48.780	ug/l	99
6) Chloroethane	3.009	64	286690	52.737	ug/l	97
7) Trichlorofluoromethane	3.368	101	781097	43.805	ug/l	100
8) Diethyl Ether	3.819	74	270888	65.495	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.199	101	248697	45.617	ug/l #	83
10) Methyl Iodide	4.414	142	381344	49.192	ug/l #	88
11) Tert butyl alcohol	5.390	59	217736	252.895	ug/l	99
12) 1,1-Dichloroethene	4.170	96	233090	44.467	ug/l #	74
13) Acrolein	4.039	56	70735	119.822	ug/l	99
14) Allyl chloride	4.835	41	309852	46.244	ug/l #	94
15) Acrylonitrile	5.557	53	600548	247.578	ug/l	99
16) Acetone	4.288	43	520331	258.132	ug/l #	88
17) Carbon Disulfide	4.521	76	582465	42.983	ug/l	98
18) Methyl Acetate	4.857	43	273178	53.327	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	837266	49.543	ug/l	95
20) Methylene Chloride	5.090	84	286293	51.398	ug/l #	82
21) trans-1,2-Dichloroethene	5.591	96	264592	45.086	ug/l #	79
22) Diisopropyl ether	6.501	45	724906	49.525	ug/l #	91
23) Vinyl Acetate	6.434	43	2813164m	246.907	ug/l	
24) 1,1-Dichloroethane	6.385	63	447288	45.736	ug/l	95
25) 2-Butanone	7.340	43	803932	255.914	ug/l #	83
26) 2,2-Dichloropropane	7.324	77	425388	50.765	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	330457	47.028	ug/l	75
28) Bromochloromethane	7.659	49	210078	48.850	ug/l #	40
29) Tetrahydrofuran	7.689	42	519812	258.737	ug/l #	79
30) Chloroform	7.817	83	549616	47.177	ug/l	99
31) Cyclohexane	8.091	56	401738	44.178	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	514861	49.556	ug/l	93
36) 1,1-Dichloropropene	8.220	75	386353	49.715	ug/l	91
37) Ethyl Acetate	7.418	43	326257	49.279	ug/l	94
38) Carbon Tetrachloride	8.206	117	470873	52.534	ug/l	99
39) Methylcyclohexane	9.462	83	492297	56.090	ug/l #	83
40) Benzene	8.461	78	1195979	50.422	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
 Data File : VN068290.D
 Acq On : 24 Aug 2021 16:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 3:18:26 PM

Quant Time: Aug 25 03:11:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	157640	52.153	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	396860	49.119	ug/l	92
43) Isopropyl Acetate	8.563	43	556425	52.468	ug/l #	89
44) Trichloroethene	9.217	130	361399	50.667	ug/l	75
45) 1,2-Dichloropropane	9.491	63	282523	50.639	ug/l	98
46) Dibromomethane	9.577	93	231612	50.891	ug/l #	76
47) Bromodichloromethane	9.765	83	443006	52.381	ug/l #	98
48) Methyl methacrylate	9.563	41	254480	57.582	ug/l #	85
49) 1,4-Dioxane	9.571	88	113761	1064.972	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	1780992	273.391	ug/l	89
52) Toluene	10.507	92	855827	52.926	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	458655	55.214	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	479318	53.257	ug/l #	81
55) 1,1,2-Trichloroethane	10.899	97	334426	51.753	ug/l	94
56) Ethyl methacrylate	10.762	69	461937	55.666	ug/l #	79
57) 1,3-Dichloropropane	11.047	76	517488	51.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	389361	221.476	ug/l #	81
59) 2-Hexanone	11.087	43	1279279	282.814	ug/l	85
60) Dibromochloromethane	11.240	129	413358	56.702	ug/l	98
61) 1,2-Dibromoethane	11.347	107	364903	54.450	ug/l	99
64) Tetrachloroethene	10.980	164	383312	53.292	ug/l	87
65) Chlorobenzene	11.773	112	970676	50.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	395783	55.091	ug/l	98
67) Ethyl Benzene	11.846	91	1636154	52.082	ug/l	93
68) m/p-Xylenes	11.956	106	1344994	107.026	ug/l	78
69) o-Xylene	12.283	106	662053	54.524	ug/l	78
70) Styrene	12.296	104	1065126	54.802	ug/l #	90
71) Bromoform	12.460	173	345230	59.920	ug/l #	98
73) Isopropylbenzene	12.581	105	1702063	49.241	ug/l	94
74) N-amyl acetate	12.390	43	440280	48.915	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.830	83	481498	46.447	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	375521m	46.486	ug/l	
77) Bromobenzene	12.862	156	479746	50.378	ug/l	52
78) n-propylbenzene	12.921	91	1826191	49.251	ug/l	89
79) 2-Chlorotoluene	13.010	91	1091027	47.578	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	1411871	50.490	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	134628	54.599	ug/l	85
82) 4-Chlorotoluene	13.106	91	1064715	47.836	ug/l	82
83) tert-Butylbenzene	13.326	119	1283135	51.674	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1393777	51.058	ug/l	90
85) sec-Butylbenzene	13.503	105	1736757	53.118	ug/l	91
86) p-Isopropyltoluene	13.619	119	1484844	55.018	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	833101	51.304	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	805888	48.988	ug/l	92
89) n-Butylbenzene	13.943	91	1069913	53.143	ug/l	95
90) Hexachloroethane	14.214	117	267096	53.339	ug/l	63
91) 1,2-Dichlorobenzene	13.991	146	796462	51.516	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	78800	50.185	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.265	180	392800	48.530	ug/l	97
94) Hexachlorobutadiene	15.370	225	240980	57.552	ug/l	100
95) Naphthalene	15.507	128	902663	47.493	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	380877	49.509	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082421\
Data File : VN068290.D
Acq On : 24 Aug 2021 16:56
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/25/2021 3:18:26 PM

Quant Time: Aug 25 03:11:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 17 13:09:49 2021
Response via : Initial Calibration

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

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

