

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064235.D
 Acq On : 21 Oct 2020 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:28 PM

Quant Time: Oct 22 02:39:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	263285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	443753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	203600	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	7.55	113	145131	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	10.06	98	532832	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.38	95	218125	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167615	52.078	ug/l	97
3) Chloromethane	2.04	50	166074	54.576	ug/l	97
4) Vinyl Chloride	2.16	62	165244	54.773	ug/l	98
5) Bromomethane	2.53	94	102835	52.294	ug/l	94
6) Chloroethane	2.67	64	99214	54.022	ug/l	99
7) Trichlorofluoromethane	2.98	101	276600	55.752	ug/l	99
8) Diethyl Ether	3.37	74	88869	54.151	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	135149	52.679	ug/l	99
10) Methyl Iodide	3.91	142	191598	52.518	ug/l	99
11) Tert butyl alcohol	4.72	59	137485	262.681	ug/l	97
12) 1,1-Dichloroethene	3.69	96	132788	53.813	ug/l	97
13) Acrolein	3.57	56	77713	236.534	ug/l	96
14) Allyl chloride	4.27	41	261860	53.022	ug/l	98
15) Acrylonitrile	4.93	53	302193	279.219	ug/l	99
16) Acetone	3.78	43	313555	280.275	ug/l	99
17) Carbon Disulfide	4.01	76	374516	53.208	ug/l	98
18) Methyl Acetate	4.28	43	155444	54.527	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	458013	53.989	ug/l	99
20) Methylene Chloride	4.50	84	151895	50.918	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	145115	53.331	ug/l	98
22) Diisopropyl ether	5.90	45	477684	52.030	ug/l	98
23) Vinyl Acetate	5.84	43	2210061	269.928	ug/l	100
24) 1,1-Dichloroethane	5.80	63	287770	54.107	ug/l	99
25) 2-Butanone	6.78	43	472583	265.881	ug/l	99
26) 2,2-Dichloropropane	6.78	77	253976	47.966	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	170568	53.827	ug/l	96
28) Bromochloromethane	7.15	49	136070	53.854	ug/l	99
29) Tetrahydrofuran	7.17	42	287485	270.394	ug/l	97
30) Chloroform	7.33	83	305274	53.810	ug/l	98
31) Cyclohexane	7.61	56	228279	49.251	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	292408	55.020	ug/l	100
36) 1,1-Dichloropropene	7.75	75	228301	51.605	ug/l	98
37) Ethyl Acetate	6.88	43	210119	52.311	ug/l	99
38) Carbon Tetrachloride	7.74	117	260951	51.843	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064235.D
 Acq On : 21 Oct 2020 20:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 2:10:28 PM

Quant Time: Oct 22 02:39:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	201598	50.115	ug/l	94
40) Benzene	8.00	78	617460	50.561	ug/l	100
41) Methacrylonitrile	7.12	41	106255	50.429	ug/l	93
42) 1,2-Dichloroethane	8.08	62	264470	50.554	ug/l	98
43) Isopropyl Acetate	8.13	43	390423	52.155	ug/l	99
44) Trichloroethene	8.80	130	169243	50.857	ug/l	99
45) 1,2-Dichloropropane	9.08	63	165897	50.886	ug/l	99
46) Dibromomethane	9.17	93	115940	52.962	ug/l	98
47) Bromodichloromethane	9.37	83	252473	52.202	ug/l	98
48) Methyl methacrylate	9.17	41	197524	50.512	ug/l	99
49) 1,4-Dioxane	9.17	88	46064	1006.773	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1074831	268.655	ug/l	100
52) Toluene	10.13	92	397287	50.842	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	283901	52.842	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	286788	50.697	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154655	52.404	ug/l	97
56) Ethyl methacrylate	10.40	69	246386	53.993	ug/l	98
57) 1,3-Dichloropropane	10.68	76	272705	53.198	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	612945	260.849	ug/l	100
59) 2-Hexanone	10.72	43	787705	269.595	ug/l	100
60) Dibromochloromethane	10.87	129	196006	51.304	ug/l	99
61) 1,2-Dibromoethane	10.98	107	167999	53.945	ug/l	96
64) Tetrachloroethene	10.60	164	159311	48.802	ug/l	96
65) Chlorobenzene	11.41	112	433138	51.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	168204	50.487	ug/l	99
67) Ethyl Benzene	11.48	91	802024	51.995	ug/l	99
68) m/p-Xylenes	11.59	106	585763	102.494	ug/l	98
69) o-Xylene	11.92	106	286810	51.890	ug/l	98
70) Styrene	11.94	104	478980	51.698	ug/l	98
71) Bromoform	12.10	173	134069	52.092	ug/l #	97
73) Isopropylbenzene	12.22	105	768501	51.111	ug/l	100
74) N-amyl acetate	12.04	43	343616	52.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	210379	52.726	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	206958m	49.797	ug/l	
77) Bromobenzene	12.50	156	185504	52.260	ug/l	96
78) n-propylbenzene	12.57	91	864158	50.974	ug/l	99
79) 2-Chlorotoluene	12.65	91	540091	51.867	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	648458	51.014	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	82490	50.111	ug/l	99
82) 4-Chlorotoluene	12.75	91	563730	51.901	ug/l	99
83) tert-Butylbenzene	12.97	119	528710	50.731	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	660492	52.206	ug/l	100
85) sec-Butylbenzene	13.15	105	663611	50.508	ug/l	100
86) p-Isopropyltoluene	13.26	119	612814	51.219	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	325361	51.513	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	329056	50.900	ug/l	99
89) n-Butylbenzene	13.59	91	527878	49.219	ug/l	98
90) Hexachloroethane	13.85	117	106681	49.233	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	318824	51.454	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52729	52.971	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
Data File : VN064235.D
Acq On : 21 Oct 2020 20:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/23/2020 2:10:28 PM

Quant Time: Oct 22 02:39:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	178214	51.280	ug/l	98
94) Hexachlorobutadiene	14.98	225	83537	44.567	ug/l	99
95) Naphthalene	15.10	128	552061	53.045	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	176212	51.194	ug/l	98

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

