

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064670.D
 Acq On : 16 Nov 2020 19:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 7:02:28 PM

Quant Time: Nov 17 05:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	350476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	607706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	264077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	274556	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	7.55	113	197723	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
50) Toluene-d8	10.06	98	732132	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
62) 4-Bromofluorobenzene	12.38	95	279519	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	201124	44.084	ug/l	98
3) Chloromethane	2.04	50	233027	42.051	ug/l	97
4) Vinyl Chloride	2.17	62	262827	46.186	ug/l	99
5) Bromomethane	2.53	94	126985	34.930	ug/l	99
6) Chloroethane	2.67	64	167892	46.081	ug/l	99
7) Trichlorofluoromethane	2.99	101	414160	49.425	ug/l	96
8) Diethyl Ether	3.37	74	145016	49.006	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	183760	46.180	ug/l	99
10) Methyl Iodide	3.91	142	162213	35.083	ug/l	99
11) Tert butyl alcohol	4.75	59	169618	251.947	ug/l	99
12) 1,1-Dichloroethene	3.69	96	174020	46.427	ug/l	96
13) Acrolein	3.57	56	92547	221.619	ug/l	96
14) Allyl chloride	4.28	41	320023	43.645	ug/l	97
15) Acrylonitrile	4.94	53	474820	253.326	ug/l	100
16) Acetone	3.78	43	447700	192.525	ug/l	99
17) Carbon Disulfide	4.00	76	469778	41.910	ug/l	98
18) Methyl Acetate	4.28	43	241474	52.819	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	657880	48.767	ug/l	98
20) Methylene Chloride	4.50	84	214178	46.421	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	192952	45.338	ug/l	97
22) Diisopropyl ether	5.91	45	702646	45.144	ug/l	98
23) Vinyl Acetate	5.85	43	2980331	235.379	ug/l	98
24) 1,1-Dichloroethane	5.80	63	391882	45.819	ug/l	99
25) 2-Butanone	6.79	43	670320	226.238	ug/l	95
26) 2,2-Dichloropropane	6.78	77	339071	43.794	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	228460	46.327	ug/l	96
28) Bromochloromethane	7.15	49	179273	42.643	ug/l	94
29) Tetrahydrofuran	7.17	42	436776	240.276	ug/l	96
30) Chloroform	7.33	83	417485	46.437	ug/l	99
31) Cyclohexane	7.61	56	301450	40.621	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	379955	47.650	ug/l	98
36) 1,1-Dichloropropene	7.75	75	301434	46.952	ug/l	99
37) Ethyl Acetate	6.88	43	292195	44.922	ug/l	99
38) Carbon Tetrachloride	7.73	117	328961	47.944	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	275736	47.912	ug/l	99
40) Benzene	8.00	78	858385	45.501	ug/l	100
41) Methacrylonitrile	7.13	41	134681	47.318	ug/l	96
42) 1,2-Dichloroethane	8.09	62	359287	47.193	ug/l	100
43) Isopropyl Acetate	8.13	43	495133	47.590	ug/l	99
44) Trichloroethene	8.80	130	221167	46.467	ug/l	100
45) 1,2-Dichloropropane	9.08	63	234906	46.667	ug/l	100
46) Dibromomethane	9.17	93	164261	49.572	ug/l	98
47) Bromodichloromethane	9.37	83	345248	48.456	ug/l	99
48) Methyl methacrylate	9.17	41	249157	47.459	ug/l	97
49) 1,4-Dioxane	9.17	88	70481	1019.258	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1534520	252.913	ug/l	98
52) Toluene	10.13	92	547988	47.626	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	366025	48.457	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	383679	47.507	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	218282	48.644	ug/l	97
56) Ethyl methacrylate	10.40	69	325652	44.325	ug/l	98
57) 1,3-Dichloropropane	10.68	76	380018	48.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	841631	242.005	ug/l	96
59) 2-Hexanone	10.72	43	1102626	223.298	ug/l	99
60) Dibromochloromethane	10.87	129	258930	51.538	ug/l	98
61) 1,2-Dibromoethane	10.98	107	229722	50.471	ug/l	99
64) Tetrachloroethene	10.60	164	203653	46.920	ug/l	97
65) Chlorobenzene	11.41	112	582120	47.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	227751	49.422	ug/l	97
67) Ethyl Benzene	11.48	91	1076489	48.994	ug/l	99
68) m/p-Xylenes	11.59	106	781727	98.104	ug/l	98
69) o-Xylene	11.92	106	370902	48.169	ug/l	98
70) Styrene	11.94	104	649411	50.121	ug/l	99
71) Bromoform	12.10	173	169101	48.899	ug/l #	99
73) Isopropylbenzene	12.22	105	1024774	48.823	ug/l	100
74) N-amyl acetate	12.05	43	439394	43.329	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	309560	48.016	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	317934m	49.690	ug/l	
77) Bromobenzene	12.50	156	238529	46.547	ug/l	98
78) n-propylbenzene	12.57	91	1204570	50.338	ug/l	100
79) 2-Chlorotoluene	12.65	91	710436	46.809	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	849989	49.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	106610	46.522	ug/l	99
82) 4-Chlorotoluene	12.75	91	762096	47.947	ug/l	99
83) tert-Butylbenzene	12.97	119	692471	51.203	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	977542	56.157	ug/l	99
85) sec-Butylbenzene	13.15	105	909188	53.083	ug/l	100
86) p-Isopropyltoluene	13.26	119	815189	52.914	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	424308	47.899	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	425775	46.510	ug/l	98
89) n-Butylbenzene	13.59	91	705954	53.296	ug/l	100
90) Hexachloroethane	13.85	117	160533	54.017	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	418332	49.095	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67920	52.914	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	183978	43.767	ug/l	98
94) Hexachlorobutadiene	14.98	225	97198	56.026	ug/l	99
95) Naphthalene	15.10	128	588085	41.284	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	185782	45.577	ug/l	99

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

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