

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064843.D
 Acq On : 25 Nov 2020 5:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:51:50 AM

Quant Time: Nov 25 06:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	184660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	290118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105349	49.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.14%
35) Dibromofluoromethane	7.55	113	92205	53.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.22%
50) Toluene-d8	10.06	98	357595	50.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.82%
62) 4-Bromofluorobenzene	12.37	95	127797	50.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.68%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	76033	47.509	ug/l	97
3) Chloromethane	2.04	50	97117	46.697	ug/l	100
4) Vinyl Chloride	2.17	62	104818	48.342	ug/l	97
5) Bromomethane	2.52	94	63177	44.411	ug/l	99
6) Chloroethane	2.67	64	64965	48.442	ug/l	97
7) Trichlorofluoromethane	2.99	101	144835	48.323	ug/l	96
8) Diethyl Ether	3.37	74	59021	49.888	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	85619	47.619	ug/l	97
10) Methyl Iodide	3.91	142	95740	41.052	ug/l	98
11) Tert butyl alcohol	4.74	59	73997	221.020	ug/l	99
12) 1,1-Dichloroethene	3.69	96	88657	49.511	ug/l	98
13) Acrolein	3.57	56	39426	192.792	ug/l	100
14) Allyl chloride	4.27	41	139268	47.155	ug/l	97
15) Acrylonitrile	4.93	53	229859	248.526	ug/l	100
16) Acetone	3.78	43	176248	249.745	ug/l	98
17) Carbon Disulfide	4.01	76	228892	49.507	ug/l	98
18) Methyl Acetate	4.28	43	102548	48.331	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	288214	50.185	ug/l	98
20) Methylene Chloride	4.50	84	105114	47.533	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	95402	47.977	ug/l	99
22) Diisopropyl ether	5.90	45	306702	51.883	ug/l	98
23) Vinyl Acetate	5.85	43	1232645	260.754	ug/l	99
24) 1,1-Dichloroethane	5.80	63	180481	51.086	ug/l	99
25) 2-Butanone	6.79	43	286980	250.858	ug/l	97
26) 2,2-Dichloropropane	6.78	77	122787	40.073	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	111990	50.049	ug/l	97
28) Bromochloromethane	7.15	49	79674	49.297	ug/l	98
29) Tetrahydrofuran	7.17	42	190472	241.198	ug/l	99
30) Chloroform	7.33	83	183327	50.320	ug/l	99
31) Cyclohexane	7.61	56	144006	48.129	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	156110	49.890	ug/l	100
36) 1,1-Dichloropropene	7.75	75	134380	49.972	ug/l	100
37) Ethyl Acetate	6.88	43	119174	46.007	ug/l	99
38) Carbon Tetrachloride	7.73	117	138940	49.657	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	146012	50.439	ug/l	99
40) Benzene	8.00	78	411988	49.996	ug/l	99
41) Methacrylonitrile	7.12	41	55448	46.391	ug/l	96
42) 1,2-Dichloroethane	8.08	62	134102	48.241	ug/l	99
43) Isopropyl Acetate	8.13	43	197414	47.362	ug/l	99
44) Trichloroethene	8.80	130	115448	47.483	ug/l	96
45) 1,2-Dichloropropane	9.08	63	111637	52.314	ug/l	100
46) Dibromomethane	9.17	93	72151	50.609	ug/l	97
47) Bromodichloromethane	9.37	83	144925	50.522	ug/l	100
48) Methyl methacrylate	9.17	41	97844	49.126	ug/l	97
49) 1,4-Dioxane	9.17	88	36087	958.653	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	621400	248.328	ug/l	100
52) Toluene	10.12	92	260222	51.278	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	155823	48.771	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	168989	49.345	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	104991	50.312	ug/l	98
56) Ethyl methacrylate	10.40	69	150277	52.185	ug/l	98
57) 1,3-Dichloropropane	10.68	76	175814	51.074	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	419741	264.983	ug/l	99
59) 2-Hexanone	10.72	43	451183	250.532	ug/l	99
60) Dibromochloromethane	10.87	129	118356	51.024	ug/l	100
61) 1,2-Dibromoethane	10.98	107	107647	50.774	ug/l	100
64) Tetrachloroethene	10.60	164	115386	43.693	ug/l	99
65) Chlorobenzene	11.41	112	285781	49.027	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	106874	49.890	ug/l	99
67) Ethyl Benzene	11.48	91	489712	50.290	ug/l	99
68) m/p-Xylenes	11.59	106	382534	103.757	ug/l	99
69) o-Xylene	11.92	106	182853	52.265	ug/l	99
70) Styrene	11.94	104	316465	53.582	ug/l	98
71) Bromoform	12.10	173	81712	47.757	ug/l #	100
73) Isopropylbenzene	12.22	105	486131	53.282	ug/l	100
74) N-amyl acetate	12.04	43	178751	49.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	136774	51.146	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	136508m	48.325	ug/l	
77) Bromobenzene	12.50	156	122997	50.004	ug/l	100
78) n-propylbenzene	12.56	91	543785	52.319	ug/l	99
79) 2-Chlorotoluene	12.65	91	327257	50.937	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	415062	54.732	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	46096	44.724	ug/l	98
82) 4-Chlorotoluene	12.75	91	339408	50.399	ug/l	100
83) tert-Butylbenzene	12.97	119	347830	54.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	416759	54.354	ug/l	99
85) sec-Butylbenzene	13.14	105	456891	54.136	ug/l	99
86) p-Isopropyltoluene	13.26	119	417893	54.387	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	215099	49.221	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	218256	47.225	ug/l	99
89) n-Butylbenzene	13.59	91	340136	50.407	ug/l	100
90) Hexachloroethane	13.85	117	73086	54.753	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	215226	50.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27754	46.125	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	124158	46.774	ug/l	99
94) Hexachlorobutadiene	14.98	225	59138	49.478	ug/l	100
95) Naphthalene	15.10	128	389076	48.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	121955	48.392	ug/l	99

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

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