

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064862.D
 Acq On : 30 Nov 2020 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:34:59 AM

Quant Time: Dec 01 01:42:58 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	215345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146421	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115637	46.19	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.38%
35) Dibromofluoromethane	7.55	113	99467	51.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.98%
50) Toluene-d8	10.06	98	385015	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%
62) 4-Bromofluorobenzene	12.37	95	139282	49.78	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.56%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	81550	43.695	ug/l 99
3) Chloromethane	2.04	50	104125	42.933	ug/l 98
4) Vinyl Chloride	2.17	62	111401	44.057	ug/l 96
5) Bromomethane	2.53	94	69891	42.130	ug/l 98
6) Chloroethane	2.67	64	70790	45.264	ug/l 97
7) Trichlorofluoromethane	2.99	101	159490	45.630	ug/l 98
8) Diethyl Ether	3.37	74	64792	46.962	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	99710	47.554	ug/l 98
10) Methyl Iodide	3.90	142	117748	43.295	ug/l 99
11) Tert butyl alcohol	4.74	59	78035	199.869	ug/l 99
12) 1,1-Dichloroethene	3.69	96	95308	45.641	ug/l 98
13) Acrolein	3.57	56	39790	166.847	ug/l 99
14) Allyl chloride	4.27	41	157599	45.758	ug/l 100
15) Acrylonitrile	4.93	53	243886	226.118	ug/l 99
16) Acetone	3.78	43	168456	204.690	ug/l 100
17) Carbon Disulfide	4.00	76	245524	45.538	ug/l 100
18) Methyl Acetate	4.28	43	112222	45.354	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	326760	48.790	ug/l 99
20) Methylene Chloride	4.50	84	114980	44.586	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	106453	45.906	ug/l 99
22) Diisopropyl ether	5.90	45	338188	49.057	ug/l 99
23) Vinyl Acetate	5.84	43	1339908	243.056	ug/l 100
24) 1,1-Dichloroethane	5.79	63	194912	47.310	ug/l 98
25) 2-Butanone	6.79	43	297883	223.285	ug/l 97
26) 2,2-Dichloropropane	6.78	77	168350	47.114	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	123908	47.485	ug/l 98
28) Bromochloromethane	7.15	49	83067	44.073	ug/l 97
29) Tetrahydrofuran	7.17	42	202855	220.276	ug/l 98
30) Chloroform	7.33	83	200144	47.108	ug/l 99
31) Cyclohexane	7.61	56	159429	45.691	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	170297	46.669	ug/l 99
36) 1,1-Dichloropropene	7.75	75	148820	50.211	ug/l 98
37) Ethyl Acetate	6.88	43	131164	45.942	ug/l 98
38) Carbon Tetrachloride	7.73	117	153816	49.877	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	167958	52.641	ug/l	98
40) Benzene	8.00	78	452498	49.822	ug/l	98
41) Methacrylonitrile	7.12	41	63322	48.067	ug/l	91
42) 1,2-Dichloroethane	8.08	62	149153	48.681	ug/l	99
43) Isopropyl Acetate	8.13	43	219909	47.868	ug/l	99
44) Trichloroethene	8.80	130	135786	50.671	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119466	50.793	ug/l	100
46) Dibromomethane	9.17	93	80183	51.029	ug/l	96
47) Bromodichloromethane	9.37	83	161588	51.108	ug/l	98
48) Methyl methacrylate	9.16	41	106732	48.621	ug/l	98
49) 1,4-Dioxane	9.16	88	36475	879.131	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	667613	242.062	ug/l	99
52) Toluene	10.12	92	286811	51.278	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	178770	50.766	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	194712	51.585	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	114733	49.884	ug/l	95
56) Ethyl methacrylate	10.40	69	164503	51.829	ug/l	98
57) 1,3-Dichloropropane	10.68	76	189459	49.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	447077	256.075	ug/l	99
59) 2-Hexanone	10.72	43	475072	239.342	ug/l	99
60) Dibromochloromethane	10.87	129	130104	50.888	ug/l	100
61) 1,2-Dibromoethane	10.97	107	116913	50.032	ug/l	99
64) Tetrachloroethene	10.60	164	161025	56.009	ug/l	98
65) Chlorobenzene	11.41	112	315296	49.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	120403	51.628	ug/l	99
67) Ethyl Benzene	11.48	91	545963	51.500	ug/l	100
68) m/p-Xylenes	11.59	106	423692	105.561	ug/l	99
69) o-Xylene	11.92	106	199645	52.417	ug/l	99
70) Styrene	11.94	104	344580	53.590	ug/l	100
71) Bromoform	12.10	173	90116	48.380	ug/l #	100
73) Isopropylbenzene	12.22	105	536189	52.647	ug/l	100
74) N-amyl acetate	12.04	43	193513	48.281	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	127298	42.644	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	154039m	48.850	ug/l	
77) Bromobenzene	12.50	156	136059	49.552	ug/l	98
78) n-propylbenzene	12.56	91	618866	53.340	ug/l	99
79) 2-Chlorotoluene	12.65	91	364745	50.858	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	463519	54.755	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	53992	46.928	ug/l #	84
82) 4-Chlorotoluene	12.75	91	385451	51.274	ug/l	100
83) tert-Butylbenzene	12.97	119	381375	53.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	465363	54.371	ug/l	99
85) sec-Butylbenzene	13.14	105	518561	55.042	ug/l	100
86) p-Isopropyltoluene	13.26	119	486003	56.662	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	245427	50.310	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	248748	48.216	ug/l	99
89) n-Butylbenzene	13.59	91	415707	55.189	ug/l	99
90) Hexachloroethane	13.85	117	78992	53.013	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	241424	50.402	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30276	45.075	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	151472	51.119	ug/l	99
94) Hexachlorobutadiene	14.98	225	74673	55.919	ug/l	98
95) Naphthalene	15.10	128	424501	47.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	142862	50.714	ug/l	98

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

