

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064135.D
 Acq On : 15 Oct 2020 11:08
 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

apatel
 10/19/2020 11:25:53 AM

Quant Time: Oct 16 02:35:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	369613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	583237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	252053	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.55	113	202569	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.06	98	787987	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.38	95	273431	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	168492	48.384	ug/l	99
3) Chloromethane	2.04	50	202871	46.772	ug/l	99
4) Vinyl Chloride	2.16	62	247113	45.770	ug/l	100
5) Bromomethane	2.52	94	212017	52.328	ug/l	98
6) Chloroethane	2.67	64	204330	47.603	ug/l	96
7) Trichlorofluoromethane	2.98	101	335850	45.227	ug/l	98
8) Diethyl Ether	3.37	74	105111	45.243	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	181727	49.851	ug/l	98
10) Methyl Iodide	3.91	142	231140	44.975	ug/l	99
11) Tert butyl alcohol	4.73	59	150522	258.250	ug/l	99
12) 1,1-Dichloroethene	3.69	96	167823	45.588	ug/l	95
13) Acrolein	3.57	56	67508	141.012	ug/l	93
14) Allyl chloride	4.27	41	240164	41.812	ug/l	92
15) Acrylonitrile	4.92	53	411846	246.095	ug/l	98
16) Acetone	3.77	43	446615	286.033	ug/l	98
17) Carbon Disulfide	4.01	76	498755	47.401	ug/l	98
18) Methyl Acetate	4.27	43	192065	49.037	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	524405	48.295	ug/l	100
20) Methylene Chloride	4.50	84	212450	43.973	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	202861	48.605	ug/l	99
22) Diisopropyl ether	5.90	45	556706	49.892	ug/l	97
23) Vinyl Acetate	5.84	43	2589189	259.772	ug/l	99
24) 1,1-Dichloroethane	5.79	63	371305	47.651	ug/l	98
25) 2-Butanone	6.78	43	650216	270.741	ug/l	100
26) 2,2-Dichloropropane	6.77	77	325150	50.155	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	230597	46.966	ug/l	99
28) Bromochloromethane	7.15	49	177526	47.832	ug/l #	97
29) Tetrahydrofuran	7.16	42	361676	257.679	ug/l	99
30) Chloroform	7.32	83	407551	49.095	ug/l	99
31) Cyclohexane	7.61	56	264010	45.368	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	350510	48.864	ug/l	98
36) 1,1-Dichloropropene	7.75	75	289850	51.560	ug/l	99
37) Ethyl Acetate	6.88	43	264359	52.988	ug/l	99
38) Carbon Tetrachloride	7.73	117	308459	51.027	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	252473	53.421	ug/l	96
40) Benzene	8.00	78	878394	51.597	ug/l	99
41) Methacrylonitrile	7.12	41	105383	48.789	ug/l	93
42) 1,2-Dichloroethane	8.08	62	315598	52.102	ug/l	100
43) Isopropyl Acetate	8.12	43	427273	51.610	ug/l #	90
44) Trichloroethene	8.80	130	234221	52.322	ug/l	98
45) 1,2-Dichloropropane	9.08	63	228635	51.260	ug/l	98
46) Dibromomethane	9.17	93	162244	51.272	ug/l	99
47) Bromodichloromethane	9.37	83	328532	53.065	ug/l	99
48) Methyl methacrylate	9.16	41	213550	55.842	ug/l	98
49) 1,4-Dioxane	9.16	88	68674	1182.617	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1379997	281.695	ug/l	100
52) Toluene	10.12	92	561982	53.726	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	345160	54.335	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	372394	53.352	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	231660	53.459	ug/l	98
56) Ethyl methacrylate	10.40	69	304327	48.539	ug/l	99
57) 1,3-Dichloropropane	10.68	76	370815	51.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	813481	254.518	ug/l	99
59) 2-Hexanone	10.72	43	1011716	266.709	ug/l	100
60) Dibromochloromethane	10.87	129	258927	53.192	ug/l	100
61) 1,2-Dibromoethane	10.97	107	236367	53.589	ug/l	99
64) Tetrachloroethene	10.60	164	218712	51.391	ug/l	99
65) Chlorobenzene	11.41	112	608980	51.231	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	233817	51.809	ug/l	98
67) Ethyl Benzene	11.48	91	1070153	53.742	ug/l	99
68) m/p-Xylenes	11.59	106	827480	100.785	ug/l	99
69) o-Xylene	11.92	106	385085	49.055	ug/l	100
70) Styrene	11.94	104	679156	50.136	ug/l	99
71) Bromoform	12.10	173	184276	49.319	ug/l #	100
73) Isopropylbenzene	12.23	105	1018750	48.793	ug/l	100
74) N-amyl acetate	12.05	43	384625	49.191	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	329965	45.901	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	288944m	42.728	ug/l	
77) Bromobenzene	12.50	156	265980	46.924	ug/l	98
78) n-propylbenzene	12.57	91	1194378	51.252	ug/l	100
79) 2-Chlorotoluene	12.65	91	705771	47.619	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	867186	51.745	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	111719	50.473	ug/l	99
82) 4-Chlorotoluene	12.75	91	751114	50.283	ug/l	100
83) tert-Butylbenzene	12.97	119	690366	49.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	876293	50.166	ug/l	99
85) sec-Butylbenzene	13.14	105	920498	51.663	ug/l	99
86) p-Isopropyltoluene	13.26	119	841102	49.911	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	483887	51.236	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	483218	50.024	ug/l	99
89) n-Butylbenzene	13.59	91	686187	52.852	ug/l	99
90) Hexachloroethane	13.85	117	143809	48.498	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	479701	51.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65328	47.217	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	208402	45.458	ug/l	96
94) Hexachlorobutadiene	14.98	225	112068	50.046	ug/l	99
95) Naphthalene	15.10	128	599487	43.062	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	211503	46.200	ug/l	99

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

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