

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062013.D
 Acq On : 22 Jun 2020 20:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:37 PM

Quant Time: Jun 23 06:23:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	167247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	273107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	113538	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.55	113	93755	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	10.06	98	364001	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.37	95	127275	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	105025	48.272	ug/l	99
3) Chloromethane	2.03	50	104996	45.228	ug/l	98
4) Vinyl Chloride	2.16	62	133994	48.417	ug/l	99
5) Bromomethane	2.52	94	90201	42.443	ug/l	99
6) Chloroethane	2.66	64	91880	49.055	ug/l	100
7) Trichlorofluoromethane	2.97	101	169391	51.242	ug/l	98
8) Diethyl Ether	3.37	74	61053	54.937	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	88485	52.175	ug/l	99
10) Methyl Iodide	3.91	142	109993	53.341	ug/l	99
11) Tert butyl alcohol	4.74	59	88549	285.283	ug/l	100
12) 1,1-Dichloroethene	3.69	96	86209	50.732	ug/l	99
13) Acrolein	3.56	56	48053	259.029	ug/l	100
14) Allyl chloride	4.27	41	121118	53.703	ug/l	98
15) Acrylonitrile	4.93	53	230038	299.102	ug/l	99
16) Acetone	3.77	43	178001	268.661	ug/l	100
17) Carbon Disulfide	4.00	76	201317	40.489	ug/l	100
18) Methyl Acetate	4.28	43	110843	58.109	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	314360	55.561	ug/l	98
20) Methylene Chloride	4.50	84	105441	48.847	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	95912	49.139	ug/l	96
22) Diisopropyl ether	5.90	45	293810	56.961	ug/l	100
23) Vinyl Acetate	5.84	43	1156110	284.976	ug/l	98
24) 1,1-Dichloroethane	5.80	63	183000	54.197	ug/l	99
25) 2-Butanone	6.79	43	287296	297.204	ug/l	99
26) 2,2-Dichloropropane	6.77	77	142763	50.254	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	117941	52.368	ug/l	99
28) Bromochloromethane	7.15	49	83522	55.555	ug/l	94
29) Tetrahydrofuran	7.17	42	187147	294.179	ug/l	98
30) Chloroform	7.33	83	190658	52.833	ug/l	99
31) Cyclohexane	7.61	56	140762	47.621	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	160848	52.338	ug/l	99
36) 1,1-Dichloropropene	7.75	75	135314	50.956	ug/l	99
37) Ethyl Acetate	6.88	43	120794	58.251	ug/l	99
38) Carbon Tetrachloride	7.73	117	133777	50.872	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	141185	49.376	ug/l	96
40) Benzene	8.00	78	426263	52.991	ug/l	99
41) Methacrylonitrile	7.13	41	53290	60.097	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	151033	55.065	ug/l	98
43) Isopropyl Acetate	8.13	43	207767	59.453	ug/l #	90
44) Trichloroethene	8.80	130	107730	50.888	ug/l	99
45) 1,2-Dichloropropane	9.09	63	111650	56.479	ug/l	98
46) Dibromomethane	9.18	93	74675	53.643	ug/l	98
47) Bromodichloromethane	9.37	83	155472	54.542	ug/l	99
48) Methyl methacrylate	9.17	41	91698	57.699	ug/l	98
49) 1,4-Dioxane	9.17	88	41665	1141.910	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	620984	300.702	ug/l	100
52) Toluene	10.12	92	274623	54.360	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	172610	57.042	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	182448	55.510	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	114060	57.383	ug/l	99
56) Ethyl methacrylate	10.40	69	161851	53.116	ug/l	99
57) 1,3-Dichloropropane	10.68	76	188184	55.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	296239	282.393	ug/l	98
59) 2-Hexanone	10.72	43	457501	275.836	ug/l	99
60) Dibromochloromethane	10.87	129	122638	55.293	ug/l	100
61) 1,2-Dibromoethane	10.98	107	112836	54.365	ug/l	99
64) Tetrachloroethene	10.60	164	90149	51.789	ug/l	97
65) Chlorobenzene	11.41	112	303703	52.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	109367	54.415	ug/l	99
67) Ethyl Benzene	11.48	91	526795	54.522	ug/l	100
68) m/p-Xylenes	11.59	106	407870	109.474	ug/l	99
69) o-Xylene	11.92	106	196203	55.192	ug/l	98
70) Styrene	11.94	104	338180	56.815	ug/l	99
71) Bromoform	12.10	173	81171	55.389	ug/l #	99
73) Isopropylbenzene	12.22	105	519275	54.144	ug/l	100
74) N-amyl acetate	12.05	43	183103	52.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	168586	54.066	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	139469m	52.636	ug/l	
77) Bromobenzene	12.50	156	125633	51.923	ug/l	96
78) n-propylbenzene	12.57	91	596734	54.529	ug/l	100
79) 2-Chlorotoluene	12.65	91	354623	53.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	433487	54.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	54823	56.431	ug/l	98
82) 4-Chlorotoluene	12.75	91	366146	53.913	ug/l	98
83) tert-Butylbenzene	12.97	119	364580	54.199	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	437751	55.889	ug/l	100
85) sec-Butylbenzene	13.15	105	489141	55.556	ug/l	99
86) p-Isopropyltoluene	13.26	119	440619	56.162	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	231981	52.567	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	228720	50.633	ug/l	100
89) n-Butylbenzene	13.59	91	360389	55.003	ug/l	98
90) Hexachloroethane	13.85	117	80335	55.938	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	224562	52.858	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	29063	57.413	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	105458	52.604	ug/l	99
94) Hexachlorobutadiene	14.98	225	42456	53.770	ug/l	98
95) Naphthalene	15.10	128	316272	47.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108249	54.522	ug/l	98

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

