

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062421.D
 Acq On : 8 Jul 2020 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:58:40 AM

Quant Time: Jul 09 03:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	199766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	341121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	308451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155596	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.55	113	110002	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	10.06	98	441854	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.37	95	162164	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	105330	51.764	ug/l	97
3) Chloromethane	2.03	50	162194	49.677	ug/l	100
4) Vinyl Chloride	2.16	62	134839	50.408	ug/l	100
5) Bromomethane	2.52	94	71672	49.889	ug/l	97
6) Chloroethane	2.67	64	79993	51.345	ug/l	97
7) Trichlorofluoromethane	2.98	101	174556	51.381	ug/l	98
8) Diethyl Ether	3.37	74	78586	51.731	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	106622	52.943	ug/l	100
10) Methyl Iodide	3.91	142	139882	52.604	ug/l	99
11) Tert butyl alcohol	4.73	59	118421	232.334	ug/l	98
12) 1,1-Dichloroethene	3.69	96	105846	51.622	ug/l	98
13) Acrolein	3.56	56	82757	225.075	ug/l	99
14) Allyl chloride	4.27	41	244579	50.719	ug/l	99
15) Acrylonitrile	4.93	53	344401	257.636	ug/l	100
16) Acetone	3.77	43	285604	218.935	ug/l	99
17) Carbon Disulfide	4.01	76	319988	49.804	ug/l	98
18) Methyl Acetate	4.27	43	155550	47.781	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	400057	51.462	ug/l	100
20) Methylene Chloride	4.50	84	132846	47.629	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	115515	52.003	ug/l	100
22) Diisopropyl ether	5.90	45	502954	52.791	ug/l	99
23) Vinyl Acetate	5.84	43	2071083	262.420	ug/l	99
24) 1,1-Dichloroethane	5.80	63	254100	51.614	ug/l	100
25) 2-Butanone	6.78	43	462568	242.797	ug/l	99
26) 2,2-Dichloropropane	6.78	77	177968	47.147	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	135987	52.854	ug/l	99
28) Bromochloromethane	7.15	49	126394	47.255	ug/l	100
29) Tetrahydrofuran	7.17	42	321161	250.387	ug/l	100
30) Chloroform	7.33	83	232092	52.213	ug/l	99
31) Cyclohexane	7.61	56	228232	48.902	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	193002	52.198	ug/l	100
36) 1,1-Dichloropropene	7.75	75	178811	52.029	ug/l	99
37) Ethyl Acetate	6.88	43	198110	49.298	ug/l	99
38) Carbon Tetrachloride	7.73	117	162037	52.443	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	202706	55.247	ug/l	98
40) Benzene	8.00	78	536362	52.954	ug/l	99
41) Methacrylonitrile	7.12	41	87395	52.052	ug/l	97
42) 1,2-Dichloroethane	8.09	62	197754	53.320	ug/l	100
43) Isopropyl Acetate	8.12	43	334117	52.631	ug/l	99
44) Trichloroethene	8.80	130	118644	52.794	ug/l	99
45) 1,2-Dichloropropane	9.08	63	155617	52.924	ug/l	100
46) Dibromomethane	9.18	93	87465	52.711	ug/l	98
47) Bromodichloromethane	9.37	83	187581	52.876	ug/l	100
48) Methyl methacrylate	9.17	41	160847	51.652	ug/l	100
49) 1,4-Dioxane	9.17	88	47234	1042.109	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	989101	260.858	ug/l	100
52) Toluene	10.12	92	316658	54.124	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	213524	53.724	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	232464	53.011	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	122674	53.312	ug/l	97
56) Ethyl methacrylate	10.40	69	210565	49.733	ug/l	99
57) 1,3-Dichloropropane	10.68	76	228977	53.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	350039	256.415	ug/l	99
59) 2-Hexanone	10.72	43	710283	258.033	ug/l	99
60) Dibromochloromethane	10.87	129	133565	53.534	ug/l	100
61) 1,2-Dibromoethane	10.98	107	124251	53.491	ug/l	98
64) Tetrachloroethene	10.60	164	99059	54.120	ug/l	98
65) Chlorobenzene	11.41	112	323890	54.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	120187	54.366	ug/l	99
67) Ethyl Benzene	11.48	91	615790	54.723	ug/l	99
68) m/p-Xylenes	11.60	106	446901	112.186	ug/l	99
69) o-Xylene	11.92	106	212402	54.763	ug/l	99
70) Styrene	11.94	104	371126	57.897	ug/l	99
71) Bromoform	12.10	173	90039	55.559	ug/l #	99
73) Isopropylbenzene	12.22	105	580049	52.526	ug/l	100
74) N-amyl acetate	12.04	43	292452	54.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	188070	50.651	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	178426m	50.956	ug/l	
77) Bromobenzene	12.50	156	132233	52.671	ug/l	97
78) n-propylbenzene	12.57	91	698587	54.156	ug/l	99
79) 2-Chlorotoluene	12.65	91	409535	52.310	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	492848	54.441	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	64448	49.264	ug/l	99
82) 4-Chlorotoluene	12.75	91	426100	53.610	ug/l	99
83) tert-Butylbenzene	12.97	119	399856	52.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	485703	53.977	ug/l	99
85) sec-Butylbenzene	13.15	105	553815	54.401	ug/l	99
86) p-Isopropyltoluene	13.26	119	483759	55.058	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	236452	54.595	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	234413	52.601	ug/l	99
89) n-Butylbenzene	13.59	91	422958	54.518	ug/l	100
90) Hexachloroethane	13.85	117	90610	52.425	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	224729	53.666	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	34946	51.573	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	113308	56.121	ug/l	98
94) Hexachlorobutadiene	14.98	225	59848	53.828	ug/l	99
95) Naphthalene	15.10	128	287593	52.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	112340	49.834	ug/l	99

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

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