

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062358.D
 Acq On : 3 Jul 2020 1:21
 Operator : JC/MD
 Sample : L3127-07MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33BR-20200625MS

Manual Integrations
 APPROVED

sam
 7/6/2020 11:34:36 AM

Quant Time: Jul 03 04:43:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	133710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	259164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118616	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	113138	60.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.60%	
35) Dibromofluoromethane	7.55	113	85278	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.06	98	340609	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.37	95	118904	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	62125	41.105	ug/l	98
3) Chloromethane	2.03	50	101687	57.346	ug/l	98
4) Vinyl Chloride	2.16	62	111565	46.874	ug/l	99
5) Bromomethane	2.52	94	69192	44.981	ug/l	97
6) Chloroethane	2.66	64	77937	47.936	ug/l	98
7) Trichlorofluoromethane	2.98	101	126566	43.156	ug/l	100
8) Diethyl Ether	3.37	74	60181	58.766	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	70612	45.978	ug/l	95
10) Methyl Iodide	3.91	142	98637	57.028	ug/l	98
11) Tert butyl alcohol	4.73	59	87775	325.805	ug/l	99
12) 1,1-Dichloroethene	3.70	96	77976	50.788	ug/l	97
13) Acrolein	3.56	56	60113	227.901	ug/l	100
14) Allyl chloride	4.28	41	126076	60.315	ug/l	98
15) Acrylonitrile	4.93	53	240948	328.199	ug/l	99
16) Acetone	3.77	43	195070	332.540	ug/l	97
17) Carbon Disulfide	4.00	76	214485	48.775	ug/l	99
18) Methyl Acetate	4.28	43	97424	65.314	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	297082	60.555	ug/l	97
20) Methylene Chloride	4.50	84	103498	60.129	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	90540	51.766	ug/l	92
22) Diisopropyl ether	5.90	45	306999	64.503	ug/l	97
23) Vinyl Acetate	5.84	43	1171468	301.473	ug/l	97
24) 1,1-Dichloroethane	5.80	63	179872	58.690	ug/l	98
25) 2-Butanone	6.79	43	299856	326.940	ug/l	95
26) 2,2-Dichloropropane	6.77	77	116682	45.687	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	110621	56.207	ug/l	98
28) Bromochloromethane	7.15	49	79196	59.557	ug/l	90
29) Tetrahydrofuran	7.17	42	203400	338.558	ug/l	96
30) Chloroform	7.33	83	179533	57.576	ug/l	98
31) Cyclohexane	7.61	56	124069	47.858	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	140766	53.530	ug/l	98
36) 1,1-Dichloropropene	7.75	75	124630	47.843	ug/l	97
37) Ethyl Acetate	6.88	43	119747	55.514	ug/l	98
38) Carbon Tetrachloride	7.73	117	112074	45.634	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	117710	41.240	ug/l	96
40) Benzene	8.00	78	405758	51.104	ug/l	99
41) Methacrylonitrile	7.13	41	61980	61.978	ug/l	91
42) 1,2-Dichloroethane	8.09	62	145663	54.299	ug/l	99
43) Isopropyl Acetate	8.13	43	201217	57.223	ug/l	98
44) Trichloroethene	8.80	130	90447	45.159	ug/l	94
45) 1,2-Dichloropropane	9.09	63	110233	56.275	ug/l	100
46) Dibromomethane	9.18	93	69444	52.289	ug/l	95
47) Bromodichloromethane	9.37	83	144825	54.007	ug/l	98
48) Methyl methacrylate	9.17	41	101622	64.455	ug/l	92
49) 1,4-Dioxane	9.17	88	41678	1192.025	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	661521	321.991	ug/l	97
52) Toluene	10.12	92	249935	51.591	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	159219	53.968	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	164988	52.528	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	105130	55.205	ug/l	97
56) Ethyl methacrylate	10.40	69	154998	60.989	ug/l	96
57) 1,3-Dichloropropane	10.68	76	182574	55.699	ug/l	100
59) 2-Hexanone	10.72	43	485131	327.012	ug/l	98
60) Dibromochloromethane	10.87	129	107936	53.535	ug/l	98
61) 1,2-Dibromoethane	10.98	107	103391	52.838	ug/l	100
64) Tetrachloroethene	10.60	164	67437	39.956	ug/l	98
65) Chlorobenzene	11.41	112	266612	49.137	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	95617	50.963	ug/l	99
67) Ethyl Benzene	11.48	91	473461	51.667	ug/l	98
68) m/p-Xylenes	11.59	106	358690	101.201	ug/l	97
69) o-Xylene	11.92	106	174332	52.131	ug/l	97
70) Stvrene	11.94	104	301378	54.038	ug/l	99
71) Bromoform	12.10	173	69816	52.337	ug/l #	98
73) Isopropylbenzene	12.22	105	449102	48.912	ug/l	99
74) N-amyl acetate	12.04	43	178379	52.590	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	164641	53.884	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	145822m	52.223	ug/l	
77) Bromobenzene	12.50	156	108194	47.463	ug/l	90
78) n-propylbenzene	12.57	91	526627	50.142	ug/l	98
79) 2-Chlorotoluene	12.65	91	321767	50.677	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	381183	51.212	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	51831	54.208	ug/l	95
82) 4-Chlorotoluene	12.75	91	332660	50.665	ug/l	98
83) tert-Butylbenzene	12.97	119	308691	48.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	387151	52.079	ug/l	98
85) sec-Butylbenzene	13.15	105	415911	49.412	ug/l	99
86) p-Isopropyltoluene	13.26	119	371438	50.368	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	197371	49.307	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	194769	47.203	ug/l	99
89) n-Butylbenzene	13.59	91	305076	49.760	ug/l	99
90) Hexachloroethane	13.85	117	73403	50.733	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	193865	49.944	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27901	57.002	ug/l	93
93) 1,2,4-Trichlorobenzene	14.88	180	79861	47.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	32298	43.854	ug/l	98
95) Naphthalene	15.10	128	245416	43.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	83280	48.031	ug/l	99

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

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