

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063505.D
 Acq On : 22 Sep 2020 00:05
 Operator : JC/MD
 Sample : VN0921WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:08:13 PM

Quant Time: Sep 22 05:18:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	479564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	211546	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	7.55	113	149024	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
50) Toluene-d8	10.06	98	561422	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
62) 4-Bromofluorobenzene	12.38	95	210139	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	55320	18.222	ug/l	98
3) Chloromethane	2.04	50	68316	17.010	ug/l	99
4) Vinyl Chloride	2.16	62	65984	18.544	ug/l	99
5) Bromomethane	2.53	94	43727	20.697	ug/l	99
6) Chloroethane	2.67	64	40010	18.318	ug/l	98
7) Trichlorofluoromethane	2.98	101	104187	19.625	ug/l	99
8) Diethyl Ether	3.38	74	41883	20.238	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56581	18.951	ug/l	98
10) Methyl Iodide	3.91	142	73554	18.923	ug/l	98
11) Tert butyl alcohol	4.73	59	65157	103.105	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	56574	18.708	ug/l	97
13) Acrolein	3.57	56	27682	118.203	ug/l	98
14) Allyl chloride	4.28	41	109294	18.271	ug/l	98
15) Acrylonitrile	4.94	53	163895	101.959	ug/l	99
16) Acetone	3.78	43	150934	102.954	ug/l	97
17) Carbon Disulfide	4.01	76	152959	17.389	ug/l	100
18) Methyl Acetate	4.28	43	78027	20.965	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	213910	18.979	ug/l	99
20) Methylene Chloride	4.51	84	68743	18.507	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	62664	18.703	ug/l	97
22) Diisopropyl ether	5.90	45	231108	18.944	ug/l	99
23) Vinyl Acetate	5.85	43	960825	95.900	ug/l	99
24) 1,1-Dichloroethane	5.80	63	122264	18.357	ug/l	99
25) 2-Butanone	6.79	43	232987	103.333	ug/l	98
26) 2,2-Dichloropropane	6.78	77	91379	15.583	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	73104	19.277	ug/l	98
28) Bromochloromethane	7.15	49	57400	18.665	ug/l	99
29) Tetrahydrofuran	7.17	42	157229	102.102	ug/l	99
30) Chloroform	7.33	83	126648	18.953	ug/l	99
31) Cyclohexane	7.61	56	107095	16.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	111716	18.797	ug/l	99
36) 1,1-Dichloropropene	7.75	75	90255	17.666	ug/l	98
37) Ethyl Acetate	6.88	43	97691	19.482	ug/l	99
38) Carbon Tetrachloride	7.73	117	94649	18.148	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92947	16.762	ug/l	96
40) Benzene	8.00	78	271271	18.600	ug/l	98
41) Methacrylonitrile	7.14	41	44997m	19.952	ug/l	
42) 1,2-Dichloroethane	8.08	62	110403	18.824	ug/l	99
43) Isopropyl Acetate	8.13	43	167969	18.734	ug/l	99
44) Trichloroethene	8.80	130	66085	18.682	ug/l	100
45) 1,2-Dichloropropane	9.08	63	75702	19.058	ug/l	96
46) Dibromomethane	9.17	93	50305	19.268	ug/l	99
47) Bromodichloromethane	9.37	83	100756	18.577	ug/l	97
48) Methyl methacrylate	9.17	41	79000	17.934	ug/l	96
49) 1,4-Dioxane	9.17	88	26910	425.681	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	505968	100.799	ug/l	99
52) Toluene	10.12	92	166490	18.987	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	106651	17.614	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	114855	17.983	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	68655	19.712	ug/l	95
56) Ethyl methacrylate	10.40	69	100068	18.404	ug/l	98
57) 1,3-Dichloropropane	10.68	76	116073	18.480	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	255306	89.508	ug/l	98
59) 2-Hexanone	10.72	43	366930	100.901	ug/l	98
60) Dibromochloromethane	10.87	129	73203	18.604	ug/l	99
61) 1,2-Dibromoethane	10.98	107	69802	19.290	ug/l	100
64) Tetrachloroethene	10.60	164	57929	19.162	ug/l	98
65) Chlorobenzene	11.41	112	174496	18.516	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	65043	18.828	ug/l	98
67) Ethyl Benzene	11.49	91	324315	18.274	ug/l	99
68) m/p-Xylenes	11.60	106	234706	36.680	ug/l	98
69) o-Xylene	11.92	106	114829	18.838	ug/l	97
70) Styrene	11.94	104	190727	18.658	ug/l	99
71) Bromoform	12.10	173	48081	18.683	ug/l #	100
73) Isopropylbenzene	12.23	105	304016	18.721	ug/l	100
74) N-amyl acetate	12.05	43	143490	18.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	96391	19.170	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	93659m	18.673	ug/l	
77) Bromobenzene	12.50	156	70047	19.176	ug/l	99
78) n-propylbenzene	12.57	91	345826	18.284	ug/l	99
79) 2-Chlorotoluene	12.65	91	209484	18.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	254909	18.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	29960	16.376	ug/l	94
82) 4-Chlorotoluene	12.75	91	220576	18.413	ug/l	99
83) tert-Butylbenzene	12.97	119	205561	18.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	255688	18.694	ug/l	100
85) sec-Butylbenzene	13.15	105	268883	17.973	ug/l	100
86) p-Isopropyltoluene	13.26	119	238510	18.076	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	127995	18.905	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	127552	18.530	ug/l	98
89) n-Butylbenzene	13.59	91	212036	17.434	ug/l	98
90) Hexachloroethane	13.85	117	42203	16.797	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	124751	18.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23154	19.338	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	72459	18.491	ug/l	96
94) Hexachlorobutadiene	14.98	225	30493	18.796	ug/l	94
95) Naphthalene	15.10	128	249884	19.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70917	18.730	ug/l	99

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

