

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063191.D
 Acq On : 2 Sep 2020 13:29
 Operator : JC/MD
 Sample : L3889-04MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-783-785MSD

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:29:02 AM

Quant Time: Sep 03 02:01:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	417103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	767581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	723553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	337766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	332853	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	7.55	113	240844	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	10.06	98	905144	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
62) 4-Bromofluorobenzene	12.38	95	324346	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	188788	45.959	ug/l	98
3) Chloromethane	2.03	50	257360	43.026	ug/l	97
4) Vinyl Chloride	2.17	62	285095	43.148	ug/l	98
5) Bromomethane	2.53	94	252725	45.439	ug/l	96
6) Chloroethane	2.67	64	247254	47.065	ug/l	96
7) Trichlorofluoromethane	2.98	101	462066	50.749	ug/l	98
8) Diethyl Ether	3.38	74	147104	46.532	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	211683	47.134	ug/l	99
10) Methyl Iodide	3.91	142	270368	44.140	ug/l	99
11) Tert butyl alcohol	4.73	59	219088	261.767	ug/l #	86
12) 1,1-Dichloroethene	3.70	96	213332	46.617	ug/l	99
13) Acrolein	3.57	56	128711	394.223	ug/l	98
14) Allyl chloride	4.28	41	391300	48.145	ug/l	97
15) Acrylonitrile	4.93	53	573110	244.511	ug/l	99
16) Acetone	3.77	43	493215	254.460	ug/l	99
17) Carbon Disulfide	4.01	76	601155	44.134	ug/l	100
18) Methyl Acetate	4.28	43	269396	54.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	836456	49.271	ug/l	98
20) Methylene Chloride	4.51	84	262494	48.144	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	248020	49.056	ug/l	97
22) Diisopropyl ether	5.90	45	870185	47.778	ug/l	97
23) Vinyl Acetate	5.84	43	3680370	253.252	ug/l	100
24) 1,1-Dichloroethane	5.80	63	477801	47.588	ug/l	100
25) 2-Butanone	6.78	43	811395	270.354	ug/l	100
26) 2,2-Dichloropropane	6.78	77	418152	45.966	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	292817	47.648	ug/l	98
28) Bromochloromethane	7.15	49	253492	48.325	ug/l	98
29) Tetrahydrofuran	7.16	42	533471	257.067	ug/l	97
30) Chloroform	7.33	83	500598	47.655	ug/l	99
31) Cyclohexane	7.61	56	398495	44.858	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	442292	48.862	ug/l	99
36) 1,1-Dichloropropene	7.75	75	362802	49.166	ug/l	99
37) Ethyl Acetate	6.88	43	352887	50.640	ug/l #	96
38) Carbon Tetrachloride	7.73	117	369002	49.309	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	388120	46.819	ug/l	98
40) Benzene	8.00	78	1078681	49.744	ug/l	100
41) Methacrylonitrile	7.13	41	153907m	49.509	ug/l	
42) 1,2-Dichloroethane	8.09	62	416806	51.457	ug/l	100
43) Isopropyl Acetate	8.13	43	631381	52.465	ug/l #	91
44) Trichloroethene	8.80	130	281343	53.490	ug/l	97
45) 1,2-Dichloropropane	9.08	63	282825	49.261	ug/l	97
46) Dibromomethane	9.17	93	198927	52.284	ug/l	98
47) Bromodichloromethane	9.37	83	417783	51.228	ug/l	99
48) Methyl methacrylate	9.17	41	292000	53.824	ug/l	96
49) 1,4-Dioxane	9.17	88	92010	1096.533	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1832765	280.260	ug/l	100
52) Toluene	10.13	92	689409	51.037	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	450940	50.550	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	473276	50.542	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	268230	51.850	ug/l	99
56) Ethyl methacrylate	10.40	69	408473	51.884	ug/l	100
57) 1,3-Dichloropropane	10.68	76	469703	50.966	ug/l	100
59) 2-Hexanone	10.72	43	1324175	288.122	ug/l	99
60) Dibromochloromethane	10.87	129	303690	53.099	ug/l	98
61) 1,2-Dibromoethane	10.98	107	279810	52.031	ug/l	97
64) Tetrachloroethene	10.60	164	277046	53.321	ug/l	94
65) Chlorobenzene	11.41	112	706821	48.501	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	264947	48.967	ug/l	99
67) Ethyl Benzene	11.49	91	1337746	50.318	ug/l	99
68) m/p-Xylenes	11.59	106	984579	99.992	ug/l	100
69) o-Xylene	11.92	106	476861	50.132	ug/l	98
70) Stvrene	11.94	104	819018	50.100	ug/l	100
71) Bromoform	12.10	173	191113	52.047	ug/l #	97
73) Isopropylbenzene	12.23	105	1301531	50.240	ug/l	99
74) N-amyl acetate	12.05	43	554470	51.671	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	360602	48.281	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	331425m	49.941	ug/l	
77) Bromobenzene	12.50	156	290937	49.657	ug/l	97
78) n-propylbenzene	12.57	91	1510412	50.384	ug/l	99
79) 2-Chlorotoluene	12.65	91	869109	48.405	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1085725	50.350	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	127527	46.446	ug/l	98
82) 4-Chlorotoluene	12.75	91	928295	49.850	ug/l	98
83) tert-Butylbenzene	12.97	119	895431	48.419	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1093816	50.325	ug/l	99
85) sec-Butylbenzene	13.15	105	1227983	50.949	ug/l	100
86) p-Isopropyltoluene	13.26	119	1099257	51.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	540911	50.255	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	537344	48.215	ug/l	99
89) n-Butylbenzene	13.59	91	997897	50.479	ug/l	98
90) Hexachloroethane	13.85	117	180311	45.520	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	534557	51.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	83299	50.729	ug/l	98
93) 1,2,4-Trichlorobenzene	14.88	180	286047	49.020	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	101165	46.408	ug/l	96
95) Naphthalene	15.11	128	962130	49.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	273362	48.083	ug/l	99

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

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