

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090220\
 Data File : VN063190.D
 Acq On : 2 Sep 2020 13:05
 Operator : JC/MD
 Sample : L3889-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 9:28:57 AM

Quant Time: Sep 03 02:05:53 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	424516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	789853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	738386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	353462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	327788	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	7.55	113	239836	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.06	98	929148	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.38	95	337543	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	176457	42.207	ug/l	97
3) Chloromethane	2.04	50	256679	42.163	ug/l	99
4) Vinyl Chloride	2.17	62	281470	41.856	ug/l	98
5) Bromomethane	2.53	94	252295	44.570	ug/l	99
6) Chloroethane	2.67	64	250506	46.851	ug/l	100
7) Trichlorofluoromethane	2.98	101	449809	48.358	ug/l	98
8) Diethyl Ether	3.38	74	143438	44.580	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	210583	46.070	ug/l	99
10) Methyl Iodide	3.91	142	266220	42.704	ug/l	99
11) Tert butyl alcohol	4.73	59	200256	235.088	ug/l	99
12) 1,1-Dichloroethene	3.70	96	213415	45.821	ug/l	96
13) Acrolein	3.57	56	131613	395.999	ug/l	99
14) Allyl chloride	4.28	41	380456	45.994	ug/l	96
15) Acrylonitrile	4.93	53	558475	234.209	ug/l	100
16) Acetone	3.77	43	482799	244.737	ug/l	100
17) Carbon Disulfide	4.01	76	597476	43.098	ug/l	99
18) Methyl Acetate	4.28	43	252920	50.002	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	797751	46.171	ug/l	100
20) Methylene Chloride	4.51	84	252986	45.564	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	248526	48.297	ug/l	92
22) Diisopropyl ether	5.90	45	860765	46.436	ug/l	98
23) Vinyl Acetate	5.84	43	3589837	242.709	ug/l	100
24) 1,1-Dichloroethane	5.80	63	471003	46.091	ug/l	99
25) 2-Butanone	6.78	43	780574	255.543	ug/l	100
26) 2,2-Dichloropropane	6.78	77	422851	45.671	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	290300	46.414	ug/l	99
28) Bromochloromethane	7.15	49	249296	46.695	ug/l	98
29) Tetrahydrofuran	7.16	42	520886	246.620	ug/l	98
30) Chloroform	7.33	83	501335	46.892	ug/l	98
31) Cyclohexane	7.61	56	398529	44.046	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	447975	48.625	ug/l	100
36) 1,1-Dichloropropene	7.75	75	364020	47.940	ug/l	99
37) Ethyl Acetate	6.88	43	345830	48.246	ug/l #	95
38) Carbon Tetrachloride	7.73	117	367659	47.744	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	401387	47.054	ug/l	99
40) Benzene	8.00	78	1100740	49.330	ug/l	99
41) Methacrylonitrile	7.13	41	168949m	52.815	ug/l	
42) 1,2-Dichloroethane	8.09	62	417268	50.061	ug/l	98
43) Isopropyl Acetate	8.13	43	626403	50.584	ug/l	99
44) Trichloroethene	8.80	130	281966	52.097	ug/l	96
45) 1,2-Dichloropropane	9.08	63	277809	47.023	ug/l	100
46) Dibromomethane	9.18	93	196012	50.065	ug/l	98
47) Bromodichloromethane	9.37	83	414933	49.444	ug/l	99
48) Methyl methacrylate	9.17	41	289803	51.913	ug/l	96
49) 1,4-Dioxane	9.17	88	88133	1020.712	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1803658	268.032	ug/l	99
52) Toluene	10.13	92	693935	49.923	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	442766	48.234	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	467032	48.469	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	271580	51.017	ug/l	99
56) Ethyl methacrylate	10.40	69	405441	50.047	ug/l	99
57) 1,3-Dichloropropane	10.68	76	472890	49.865	ug/l	100
59) 2-Hexanone	10.72	43	1318063	278.706	ug/l	100
60) Dibromochloromethane	10.87	129	300967	51.139	ug/l	100
61) 1,2-Dibromoethane	10.98	107	281731	50.911	ug/l	97
64) Tetrachloroethene	10.60	164	288533	54.416	ug/l	93
65) Chlorobenzene	11.41	112	723589	48.655	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	272460	49.344	ug/l	99
67) Ethyl Benzene	11.49	91	1363056	50.240	ug/l	99
68) m/p-Xylenes	11.60	106	1005671	100.083	ug/l	99
69) o-Xylene	11.92	106	486202	50.087	ug/l	99
70) Stvrene	11.94	104	838708	50.274	ug/l	99
71) Bromoform	12.10	173	189617	50.602	ug/l #	99
73) Isopropylbenzene	12.23	105	1326567	48.933	ug/l	100
74) N-amyl acetate	12.05	43	544592	48.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	366615	46.906	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	330489m	47.588	ug/l	
77) Bromobenzene	12.50	156	294695	48.065	ug/l	97
78) n-propylbenzene	12.57	91	1551160	49.446	ug/l	99
79) 2-Chlorotoluene	12.65	91	902355	48.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1112949	49.321	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	132250	46.027	ug/l	99
82) 4-Chlorotoluene	12.75	91	948064	48.651	ug/l	98
83) tert-Butylbenzene	12.97	119	921853	47.634	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	1136484	49.966	ug/l	98
85) sec-Butylbenzene	13.15	105	1248479	49.499	ug/l	99
86) p-Isopropyltoluene	13.27	119	1116762	49.872	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	554837	49.260	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	552424	47.367	ug/l	99
89) n-Butylbenzene	13.59	91	1012659	48.951	ug/l	99
90) Hexachloroethane	13.85	117	186599	45.015	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	558649	51.111	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	85041	49.490	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	293341	48.037	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	105441	46.222	ug/l	99
95) Naphthalene	15.11	128	963265	47.281	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	284336	47.793	ug/l	100

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

