

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061886.D
 Acq On : 18 Jun 2020 7:05
 Operator : JC/MD
 Sample : L3011-10MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D1-20200611MS

Manual Integrations
 APPROVED

MMDadoda
 6/18/2020 9:37:05 AM

Quant Time: Jun 18 07:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	150257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256910	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117400	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	94652	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	82240	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.06	98	316514	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.38	95	107837	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	99921	51.102	ug/l	97
3) Chloromethane	2.03	50	104344	50.029	ug/l	99
4) Vinyl Chloride	2.16	62	132841	53.428	ug/l	100
5) Bromomethane	2.52	94	90640	47.472	ug/l	98
6) Chloroethane	2.67	64	86925	51.657	ug/l	99
7) Trichlorofluoromethane	2.98	101	153410	51.655	ug/l	99
8) Diethyl Ether	3.37	74	49925	50.003	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	76150	49.979	ug/l	100
10) Methyl Iodide	3.91	142	93911	50.956	ug/l	98
11) Tert butyl alcohol	4.73	59	65365	234.402	ug/l	98
12) 1,1-Dichloroethene	3.69	96	79608	52.144	ug/l	93
13) Acrolein	3.56	56	37585	225.510	ug/l	99
14) Allyl chloride	4.27	41	96736	47.742	ug/l	99
15) Acrylonitrile	4.93	53	176978	256.131	ug/l	99
16) Acetone	3.77	43	139787	234.840	ug/l	97
17) Carbon Disulfide	4.01	76	222893	49.897	ug/l	99
18) Methyl Acetate	4.28	43	73205	42.717	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	254253	50.018	ug/l	100
20) Methylene Chloride	4.50	84	92588	47.743	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	88573	50.510	ug/l	97
22) Diisopropyl ether	5.90	45	221503	47.798	ug/l	98
23) Vinyl Acetate	5.84	43	772186	211.863	ug/l	99
24) 1,1-Dichloroethane	5.80	63	149146	49.165	ug/l	97
25) 2-Butanone	6.79	43	214702	247.221	ug/l	98
26) 2,2-Dichloropropane	6.77	77	89748	35.165	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	101463	50.146	ug/l	95
28) Bromochloromethane	7.15	49	63409	46.946	ug/l	96
29) Tetrahydrofuran	7.17	42	141441	247.473	ug/l	99
30) Chloroform	7.33	83	159181	49.098	ug/l	98
31) Cyclohexane	7.61	56	120735	45.464	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	138524	50.170	ug/l	99
36) 1,1-Dichloropropene	7.75	75	118296	50.482	ug/l	98
37) Ethyl Acetate	6.88	43	81532	44.556	ug/l	99
38) Carbon Tetrachloride	7.73	117	123481	53.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	126289	50.050	ug/l	99
40) Benzene	8.00	78	359479	50.642	ug/l	98
41) Methacrylonitrile	7.12	41	36032	46.048	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	119629	49.426	ug/l	99
43) Isopropyl Acetate	8.13	43	140364	45.516	ug/l #	90
44) Trichloroethene	8.80	130	238173	127.493	ug/l	97
45) 1,2-Dichloropropane	9.08	63	88966	51.000	ug/l	98
46) Dibromomethane	9.18	93	61749	50.267	ug/l	97
47) Bromodichloromethane	9.37	83	128029	50.899	ug/l	97
48) Methyl methacrylate	9.17	41	70725	50.432	ug/l	99
49) 1,4-Dioxane	9.17	88	32620	1013.124	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	455795	250.117	ug/l	98
52) Toluene	10.12	92	233163	52.302	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	129317	48.428	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	135947	46.873	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	90961	51.859	ug/l	99
56) Ethyl methacrylate	10.40	69	122125	45.839	ug/l	99
57) 1,3-Dichloropropane	10.68	76	151147	50.865	ug/l	99
59) 2-Hexanone	10.72	43	333748	230.355	ug/l	99
60) Dibromochloromethane	10.87	129	101759	51.992	ug/l	99
61) 1,2-Dibromoethane	10.98	107	92034	50.250	ug/l	98
64) Tetrachloroethene	10.60	164	77378	50.467	ug/l	98
65) Chlorobenzene	11.41	112	248800	49.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	92032	51.987	ug/l	100
67) Ethyl Benzene	11.48	91	436071	51.239	ug/l	99
68) m/p-Xylenes	11.60	106	343766	104.754	ug/l	99
69) o-Xylene	11.92	106	163193	52.119	ug/l	99
70) Styrene	11.94	104	278557	53.131	ug/l	99
71) Bromoform	12.10	173	68450	53.029	ug/l #	99
73) Isopropylbenzene	12.22	105	428347	51.345	ug/l	99
74) N-amyl acetate	12.05	43	118734	39.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	133747	49.310	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	107764m	46.755	ug/l	
77) Bromobenzene	12.50	156	106008	50.367	ug/l	97
78) n-propylbenzene	12.57	91	481134	50.543	ug/l	99
79) 2-Chlorotoluene	12.65	91	288349	50.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	354607	51.377	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	37669	44.575	ug/l	98
82) 4-Chlorotoluene	12.75	91	297104	50.292	ug/l	100
83) tert-Butylbenzene	12.97	119	297059	50.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	360881	52.968	ug/l	100
85) sec-Butylbenzene	13.15	105	389374	50.841	ug/l	99
86) p-Isopropyltoluene	13.26	119	357911	52.445	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	192152	50.056	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	191025	48.615	ug/l	99
89) n-Butylbenzene	13.59	91	283182	49.686	ug/l	99
90) Hexachloroethane	13.85	117	64595	51.707	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	189742	51.343	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22215	50.450	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	87325	50.076	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	32176	46.847	ug/l	98
95) Naphthalene	15.10	128	252854	43.765	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	87189	50.484	ug/l	97

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

