

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061966.D
 Acq On : 19 Jun 2020 20:48
 Operator : JC/MD
 Sample : L2984-03MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0563MSD

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 1:27:28 PM

Quant Time: Jun 22 01:35:24 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	155919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	264665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126273	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112754	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	7.55	113	91473	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	10.06	98	352048	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	121103	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	86525	42.692	ug/l 98
3) Chloromethane	2.03	50	116463	53.812	ug/l 100
4) Vinyl Chloride	2.16	62	153179	59.371	ug/l 100
5) Bromomethane	2.51	94	81761	41.267	ug/l 93
6) Chloroethane	2.66	64	90551	51.858	ug/l 100
7) Trichlorofluoromethane	2.98	101	135302	43.903	ug/l 99
8) Diethyl Ether	3.37	74	63110	60.913	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68054	43.043	ug/l 100
10) Methyl Iodide	3.91	142	95704	50.138	ug/l 99
11) Tert butyl alcohol	4.74	59	106237	367.137	ug/l 98
12) 1,1-Dichloroethene	3.69	96	83670	52.815	ug/l 97
13) Acrolein	3.56	56	54792	316.814	ug/l 99
14) Allyl chloride	4.27	41	122387	58.208	ug/l 98
15) Acrylonitrile	4.93	53	252303	351.886	ug/l 98
16) Acetone	3.77	43	363854	589.071	ug/l 98
17) Carbon Disulfide	4.00	76	237810	51.303	ug/l 98
18) Methyl Acetate	4.28	43	121946	68.575	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	317357	60.166	ug/l 99
20) Methylene Chloride	4.50	84	105963	52.656	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	106634	58.601	ug/l 99
22) Diisopropyl ether	5.90	45	280299	58.290	ug/l 99
23) Vinyl Acetate	5.84	43	1157418	306.026	ug/l 98
24) 1,1-Dichloroethane	5.80	63	172891	54.923	ug/l 99
25) 2-Butanone	6.78	43	3016287	3347.014	ug/l 99
26) 2,2-Dichloropropane	6.77	77	125736	47.476	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	144799	68.965	ug/l 99
28) Bromochloromethane	7.15	49	79332	56.602	ug/l 92
29) Tetrahydrofuran	7.16	42	258158	435.285	ug/l 91
30) Chloroform	7.33	83	184004	54.694	ug/l 100
31) Cyclohexane	7.61	56	120619	43.771	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	150751	52.616	ug/l 98
36) 1,1-Dichloropropene	7.75	75	128494	49.871	ug/l 99
37) Ethyl Acetate	6.88	43	146696	72.910	ug/l 98
38) Carbon Tetrachloride	7.73	117	121657	47.681	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	114984	41.445	ug/l	98
40) Benzene	8.00	78	414701	53.134	ug/l	99
41) Methacrylonitrile	7.13	41	78465m	91.200	ug/l	
42) 1,2-Dichloroethane	8.08	62	147280	55.342	ug/l	100
43) Isopropyl Acetate	8.13	43	227166	66.996	ug/l	98
44) Trichloroethene	8.80	130	103600	50.437	ug/l	100
45) 1,2-Dichloropropane	9.08	63	104906	54.694	ug/l	99
46) Dibromomethane	9.17	93	74757	55.348	ug/l	97
47) Bromodichloromethane	9.37	83	148627	53.739	ug/l	99
48) Methyl methacrylate	9.17	41	110081	71.390	ug/l	93
49) 1,4-Dioxane	9.17	88	39995	1129.738	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	726008	362.334	ug/l	99
52) Toluene	10.12	92	290938	59.354	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	163158	55.571	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	176534	55.357	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	108681	56.353	ug/l	99
56) Ethyl methacrylate	10.40	69	166247	56.061	ug/l	97
57) 1,3-Dichloropropane	10.68	76	184611	56.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	234297	230.191	ug/l	97
59) 2-Hexanone	10.72	43	567383	348.841	ug/l	100
60) Dibromochloromethane	10.87	129	115060	53.467	ug/l	100
61) 1,2-Dibromoethane	10.98	107	113518	56.370	ug/l	99
64) Tetrachloroethene	10.60	164	77875	46.165	ug/l	98
65) Chlorobenzene	11.41	112	281670	50.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	101062	51.887	ug/l	98
67) Ethyl Benzene	11.48	91	488456	52.166	ug/l	99
68) m/p-Xylenes	11.60	106	375633	104.038	ug/l	99
69) o-Xylene	11.92	106	181669	52.734	ug/l	97
70) Styrene	11.94	104	320425	55.549	ug/l	100
71) Bromoform	12.10	173	81069	57.084	ug/l #	100
73) Isopropylbenzene	12.22	105	463321	51.634	ug/l	100
74) N-amyl acetate	12.05	43	224108	67.803	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	170999	58.614	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	144769m	58.397	ug/l	
77) Bromobenzene	12.50	156	118416	52.309	ug/l	94
78) n-propylbenzene	12.57	91	524297	51.207	ug/l	99
79) 2-Chlorotoluene	12.65	91	320575	52.132	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	379683	51.145	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	57218	62.950	ug/l	99
82) 4-Chlorotoluene	12.75	91	332061	52.259	ug/l	99
83) tert-Butylbenzene	12.97	119	304407	48.368	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	391769	53.461	ug/l	100
85) sec-Butylbenzene	13.15	105	405163	49.185	ug/l	99
86) p-Isopropyltoluene	13.26	119	365530	49.798	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	209048	50.631	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208632	49.365	ug/l	98
89) n-Butylbenzene	13.59	91	303559	49.519	ug/l	100
90) Hexachloroethane	13.85	117	65190	48.517	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	206925	52.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	35059	74.024	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	101455	54.091	ug/l	99
94) Hexachlorobutadiene	14.98	225	40691	55.082	ug/l	97
95) Naphthalene	15.10	128	374307	58.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	100017	53.843	ug/l	100

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

