

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062816.D
 Acq On : 10 Aug 2020 18:12
 Operator : JC/MD
 Sample : L3618-13MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-GW-498-500MSD

Manual Integrations
 APPROVED

sam
 8/11/2020 3:25:05 PM

Quant Time: Aug 11 07:45:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	256015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124584	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.55	113	87872	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.06	98	334256	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	132976	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	110155	49.937	ug/l	99
3) Chloromethane	2.04	50	99334	47.720	ug/l	100
4) Vinyl Chloride	2.16	62	105937	54.260	ug/l	98
5) Bromomethane	2.50	94	61410	47.515	ug/l	100
6) Chloroethane	2.65	64	70848	55.159	ug/l	98
7) Trichlorofluoromethane	2.96	101	176303	50.641	ug/l	98
8) Diethyl Ether	3.37	74	54488	54.672	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	76116	54.286	ug/l	97
10) Methyl Iodide	3.90	142	98787	58.544	ug/l	95
11) Tert butyl alcohol	4.75	59	108118	258.953	ug/l	100
12) 1,1-Dichloroethene	3.69	96	72582	55.454	ug/l	95
13) Acrolein	3.56	56	77607	306.997	ug/l	100
14) Allyl chloride	4.27	41	132227	49.027	ug/l	96
15) Acrylonitrile	4.93	53	257669	266.079	ug/l	98
16) Acetone	3.78	43	228369	248.096	ug/l	97
17) Carbon Disulfide	4.00	76	193992	52.122	ug/l	98
18) Methyl Acetate	4.28	43	109643	50.370	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	307563	51.533	ug/l	100
20) Methylene Chloride	4.50	84	91641	54.469	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72794	47.221	ug/l	95
22) Diisopropyl ether	5.90	45	283708	49.415	ug/l	99
23) Vinyl Acetate	5.84	43	923002	211.358	ug/l	98
24) 1,1-Dichloroethane	5.80	63	158930	47.236	ug/l	99
25) 2-Butanone	6.79	43	318065	243.973	ug/l	100
26) 2,2-Dichloropropane	6.78	77	112945	36.417	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	91076	49.250	ug/l	90
28) Bromochloromethane	7.15	49	79284	48.825	ug/l	97
29) Tetrahydrofuran	7.17	42	208807	246.536	ug/l	96
30) Chloroform	7.33	83	170008	47.546	ug/l	98
31) Cyclohexane	7.61	56	144728	46.860	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	152675	47.757	ug/l	99
36) 1,1-Dichloropropene	7.75	75	112508	45.132	ug/l	98
37) Ethyl Acetate	6.88	43	111326	42.751	ug/l	100
38) Carbon Tetrachloride	7.73	117	133806	45.384	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	139156	46.385	ug/l	98
40) Benzene	8.00	78	340928	45.832	ug/l	98
41) Methacrylonitrile	7.12	41	58832	50.068	ug/l #	64
42) 1,2-Dichloroethane	8.09	62	142030	44.860	ug/l	100
43) Isopropyl Acetate	8.13	43	190038	43.753	ug/l	98
44) Trichloroethene	8.80	130	82946	45.768	ug/l	97
45) 1,2-Dichloropropane	9.08	63	94341	46.859	ug/l	98
46) Dibromomethane	9.17	93	62066	47.050	ug/l	98
47) Bromodichloromethane	9.37	83	140066	47.276	ug/l	98
48) Methyl methacrylate	9.17	41	98844	46.267	ug/l	97
49) 1,4-Dioxane	9.17	88	39357	994.219	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	673583	239.687	ug/l	99
52) Toluene	10.13	92	218536	47.582	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	151579	46.512	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	150208	45.907	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	92179	46.992	ug/l	98
56) Ethyl methacrylate	10.40	69	150296	50.904	ug/l	97
57) 1,3-Dichloropropane	10.68	76	156448	46.940	ug/l	98
59) 2-Hexanone	10.72	43	508102	242.381	ug/l	97
60) Dibromochloromethane	10.88	129	110215	49.236	ug/l	98
61) 1,2-Dibromoethane	10.98	107	94176	48.655	ug/l	99
64) Tetrachloroethene	10.60	164	68091	43.928	ug/l	98
65) Chlorobenzene	11.41	112	237928	47.378	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	98158	48.673	ug/l	97
67) Ethyl Benzene	11.49	91	442564	49.247	ug/l	99
68) m/p-Xylenes	11.60	106	326907	100.212	ug/l	97
69) o-Xylene	11.92	106	159763	52.260	ug/l	96
70) Stvrene	11.94	104	277933	51.722	ug/l	99
71) Bromoform	12.10	173	79367	48.100	ug/l #	99
73) Isopropylbenzene	12.23	105	442252	48.986	ug/l	99
74) N-amyl acetate	12.05	43	170542	46.614	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	144969	45.614	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	140514m	43.456	ug/l	
77) Bromobenzene	12.50	156	107730	48.025	ug/l	95
78) n-propylbenzene	12.57	91	506062	47.752	ug/l	99
79) 2-Chlorotoluene	12.65	91	313402	47.158	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	389274	49.701	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	48850	46.119	ug/l	98
82) 4-Chlorotoluene	12.75	91	333043	48.630	ug/l	100
83) tert-Butylbenzene	12.97	119	323251	48.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	385471	51.444	ug/l	99
85) sec-Butylbenzene	13.15	105	424399	48.764	ug/l	100
86) p-Isopropyltoluene	13.26	119	383630	49.659	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	190269	47.479	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	190578	47.415	ug/l	99
89) n-Butylbenzene	13.59	91	307072	46.999	ug/l	99
90) Hexachloroethane	13.85	117	74648	44.828	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	187094	49.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	34477	50.531	ug/l	97
93) 1,2,4-Trichlorobenzene	14.89	180	91024	45.436	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	51362	43.224	ug/l	98
95) Naphthalene	15.11	128	270165	49.090	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	92350	46.632	ug/l	99

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

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