

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082620\
 Data File : VN063143.D
 Acq On : 26 Aug 2020 19:23
 Operator : JC/MD
 Sample : L3783-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 1:28:26 PM

Quant Time: Aug 27 02:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	192005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	293264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	114475	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	7.55	113	98212	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.06	98	374945	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.38	95	134794	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	107249	42.794	ug/l	99
3) Chloromethane	2.03	50	123437	46.887	ug/l	100
4) Vinyl Chloride	2.17	62	123820	48.633	ug/l	97
5) Bromomethane	2.54	94	71329	47.201	ug/l	98
6) Chloroethane	2.68	64	74658	49.666	ug/l	99
7) Trichlorofluoromethane	2.99	101	153131	48.230	ug/l	99
8) Diethyl Ether	3.38	74	52917	47.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78193	45.704	ug/l	98
10) Methyl Iodide	3.91	142	106327	49.031	ug/l	100
11) Tert butyl alcohol	4.74	59	64644	200.552	ug/l #	85
12) 1,1-Dichloroethene	3.70	96	72699	44.606	ug/l	95
13) Acrolein	3.57	56	2244m	22.223	ug/l	
14) Allyl chloride	4.28	41	131941	45.914	ug/l	98
15) Acrylonitrile	4.93	53	203877	215.198	ug/l	99
16) Acetone	3.78	43	163347	229.872	ug/l	98
17) Carbon Disulfide	4.02	76	169896	39.804	ug/l	100
18) Methyl Acetate	4.28	43	95436	42.201	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	278424	48.985	ug/l	99
20) Methylene Chloride	4.51	84	89560	44.492	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	76179	44.664	ug/l	99
22) Diisopropyl ether	5.90	45	304960	46.765	ug/l	99
23) Vinyl Acetate	5.85	43	903819	205.390	ug/l	98
24) 1,1-Dichloroethane	5.80	63	163824	44.957	ug/l	98
25) 2-Butanone	6.79	43	267039	221.035	ug/l	98
26) 2,2-Dichloropropane	6.78	77	132418	46.206	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	101868	47.650	ug/l	99
28) Bromochloromethane	7.15	49	38346	20.112	ug/l	99
29) Tetrahydrofuran	7.17	42	176297	226.101	ug/l	99
30) Chloroform	7.33	83	175017	47.689	ug/l	98
31) Cyclohexane	7.62	56	146823	43.776	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	141740	47.307	ug/l	98
36) 1,1-Dichloropropene	7.75	75	115751	44.788	ug/l	99
37) Ethyl Acetate	6.88	43	103087	42.570	ug/l	100
38) Carbon Tetrachloride	7.73	117	117369	44.984	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	122709	35.632	ug/l	97
40) Benzene	8.00	78	378995	46.237	ug/l	99
41) Methacrylonitrile	7.12	41	53210	46.118	ug/l	95
42) 1,2-Dichloroethane	8.09	62	125033	45.429	ug/l	98
43) Isopropyl Acetate	8.13	43	178807	44.569	ug/l	98
44) Trichloroethene	8.80	130	94656	46.425	ug/l	97
45) 1,2-Dichloropropane	9.08	63	112362	47.423	ug/l	100
46) Dibromomethane	9.17	93	64398	47.048	ug/l	98
47) Bromodichloromethane	9.37	83	143777	47.959	ug/l	100
48) Methyl methacrylate	9.17	41	91183	48.036	ug/l	98
49) 1,4-Dioxane	9.17	88	33528	805.681	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	588369	232.020	ug/l	100
52) Toluene	10.13	92	236872	47.905	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	152551	49.207	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	164591	48.397	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	100325	47.452	ug/l	99
56) Ethyl methacrylate	10.40	69	146562	45.061	ug/l	100
57) 1,3-Dichloropropane	10.68	76	167923	47.830	ug/l	99
59) 2-Hexanone	10.72	43	413220	233.613	ug/l	99
60) Dibromochloromethane	10.88	129	111185	47.519	ug/l	100
61) 1,2-Dibromoethane	10.98	107	97159	47.826	ug/l	99
64) Tetrachloroethene	10.61	164	92552	52.174	ug/l	98
65) Chlorobenzene	11.41	112	261662	48.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	103410	49.055	ug/l	99
67) Ethyl Benzene	11.49	91	459621	50.189	ug/l	99
68) m/p-Xylenes	11.60	106	339817	99.839	ug/l	99
69) o-Xylene	11.92	106	166391	50.908	ug/l	99
70) Stvrene	11.94	104	289205	44.796	ug/l	99
71) Bromoform	12.10	173	82070	48.911	ug/l #	99
73) Isopropylbenzene	12.23	105	436719	48.720	ug/l	100
74) N-amyl acetate	12.05	43	168642	52.530	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140470	48.513	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	121428m	47.725	ug/l	
77) Bromobenzene	12.50	156	119951	48.656	ug/l	99
78) n-propylbenzene	12.57	91	498563	48.797	ug/l	100
79) 2-Chlorotoluene	12.65	91	306056	47.625	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	360954	48.712	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	48147	51.972	ug/l	99
82) 4-Chlorotoluene	12.75	91	326382	49.877	ug/l	100
83) tert-Butylbenzene	12.97	119	294298	46.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	370965	51.389	ug/l	99
85) sec-Butylbenzene	13.15	105	374495	43.327	ug/l	100
86) p-Isopropyltoluene	13.26	119	342495	45.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205692	48.549	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	208240	48.425	ug/l	100
89) n-Butylbenzene	13.59	91	278847	39.671	ug/l	99
90) Hexachloroethane	13.85	117	60564	37.835	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	204465	49.960	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25221	55.868	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	117742	51.729	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	40941	27.072	ug/l	96
95) Naphthalene	15.10	128	348044	64.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	115111	51.622	ug/l	99

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

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