

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049412.D
 Acq On : 20 Jun 2018 3:38
 Operator : MD\SY
 Sample : VN0619WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 4:54:03 PM

Quant Time: Jun 20 07:22:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1460061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2260068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2001047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	921344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	906807	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.59	113	828112	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	10.09	98	3071032	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
62) 4-Bromofluorobenzene	12.40	95	978352	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	332378	19.778	ug/l	99
3) Chloromethane	2.06	50	407350	18.771	ug/l	96
4) Vinyl Chloride	2.18	62	446760	19.371	ug/l	100
5) Bromomethane	2.57	94	239776	19.777	ug/l	98
6) Chloroethane	2.71	64	276252	20.089	ug/l	100
7) Trichlorofluoromethane	3.02	101	577151	20.060	ug/l	99
8) Diethyl Ether	3.41	74	197543	19.666	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	351782	19.277	ug/l	93
10) Methyl Iodide	3.95	142	376021	19.794	ug/l	92
11) Tert butyl alcohol	4.80	59	105764	93.053	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	326182	19.484	ug/l	91
13) Acrolein	3.61	56	160652	134.783	ug/l	99
14) Allyl chloride	4.32	41	493693	18.677	ug/l	89
15) Acrylonitrile	4.99	53	545987	96.067	ug/l	97
16) Acetone	3.82	43	380559	80.936	ug/l	89
17) Carbon Disulfide	4.05	76	978649	18.651	ug/l	99
18) Methyl Acetate	4.33	43	284103	19.816	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	843784	19.769	ug/l	99
20) Methylene Chloride	4.55	84	374609	19.076	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	338163	19.080	ug/l	90
22) Diisopropyl ether	5.96	45	1072258	20.313	ug/l	96
23) Vinyl Acetate	5.90	43	3334334	96.895	ug/l	95
24) 1,1-Dichloroethane	5.85	63	665103	19.686	ug/l	99
25) 2-Butanone	6.84	43	572213	90.632	ug/l	97
26) 2,2-Dichloropropane	6.83	77	378152	13.859	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	390060	19.795	ug/l	88
28) Bromochloromethane	7.19	49	285802	19.081	ug/l	85
29) Tetrahydrofuran	7.22	42	384804	94.683	ug/l	94
30) Chloroform	7.37	83	668840	19.892	ug/l	98
31) Cyclohexane	7.66	56	569547	19.779	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	574459	20.024	ug/l	97
36) 1,1-Dichloropropene	7.79	75	491062	18.958	ug/l	97
37) Ethyl Acetate	6.94	43	276556	19.639	ug/l	98
38) Carbon Tetrachloride	7.78	117	505427	18.848	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	495805	17.832	ug/l	98
40) Benzene	8.04	78	1501999	18.914	ug/l	99
41) Methacrylonitrile	7.18	41	148890	19.558	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	464863	18.947	ug/l	96
43) Isopropyl Acetate	8.17	43	516813	19.209	ug/l	97
44) Trichloroethene	8.84	130	401670	19.154	ug/l	93
45) 1,2-Dichloropropane	9.12	63	390027	18.758	ug/l	98
46) Dibromomethane	9.21	93	227776	18.892	ug/l	92
47) Bromodichloromethane	9.40	83	500728	18.899	ug/l	97
48) Methyl methacrylate	9.20	41	244360	19.286	ug/l	87
49) 1,4-Dioxane	9.20	88	62195	355.669	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	1332491	94.495	ug/l	96
52) Toluene	10.16	92	916775	19.670	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	436666	17.228	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	525066	17.545	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	327697	18.860	ug/l	97
56) Ethyl methacrylate	10.43	69	373852	18.650	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	541803	18.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	472476	76.479	ug/l	94
59) 2-Hexanone	10.76	43	808473	88.930	ug/l	93
60) Dibromochloromethane	10.90	129	363321	18.735	ug/l	97
61) 1,2-Dibromoethane	11.01	107	307146	19.018	ug/l	99
64) Tetrachloroethene	10.63	164	440916	21.503	ug/l	98
65) Chlorobenzene	11.44	112	986405	19.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	367053	18.921	ug/l	99
67) Ethyl Benzene	11.51	91	1659465	19.408	ug/l	99
68) m/p-Xylenes	11.62	106	1272056	39.642	ug/l	97
69) o-Xylene	11.95	106	605904	19.604	ug/l	96
70) Styrene	11.97	104	966843	19.829	ug/l	99
71) Bromoform	12.13	173	236605	18.843	ug/l #	99
73) Isopropylbenzene	12.25	105	1604785	19.838	ug/l	98
74) N-amyl acetate	12.07	43	366783	18.511	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	350462	19.701	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	302567m	19.247	ug/l	
77) Bromobenzene	12.53	156	395921	18.529	ug/l	92
78) n-propylbenzene	12.59	91	1762867	19.847	ug/l	99
79) 2-Chlorotoluene	12.68	91	1109311	19.710	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1296805	20.395	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	78670	15.816	ug/l	96
82) 4-Chlorotoluene	12.78	91	1080038	19.892	ug/l	98
83) tert-Butylbenzene	13.00	119	1113703	19.771	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1297397	20.540	ug/l	99
85) sec-Butylbenzene	13.17	105	1438319	19.184	ug/l	99
86) p-Isopropyltoluene	13.29	119	1198998	19.141	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	660788	18.798	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	651247	18.692	ug/l	100
89) n-Butylbenzene	13.62	91	847063	17.313	ug/l	98
90) Hexachloroethane	13.88	117	243409	19.497	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	667474	19.360	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49686	17.642	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	203462	16.398	ug/l	98
94) Hexachlorobutadiene	15.01	225	200542	18.155	ug/l	98
95) Naphthalene	15.14	128	397409	16.984	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	230096	17.323	ug/l	100

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

