

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049362.D
 Acq On : 19 Jun 2018 00:14
 Operator : MD\SY
 Sample : VN0618WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBS02

Manual Integrations
 APPROVED

MMDa
 doda
 6/19/2018 1:55:45 PM

Quant Time: Jun 19 04:10:25 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	1291600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2006957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1810131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	878211	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	949229	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
35) Dibromofluoromethane	7.59	113	839933	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.09	98	3154904	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	1039950	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	274631	18.473	ug/l	100
3) Chloromethane	2.06	50	350777	18.273	ug/l	95
4) Vinyl Chloride	2.18	62	392078	19.218	ug/l	99
5) Bromomethane	2.57	94	187021	17.438	ug/l	98
6) Chloroethane	2.70	64	246157	20.235	ug/l	97
7) Trichlorofluoromethane	3.01	101	525473	20.646	ug/l	99
8) Diethyl Ether	3.41	74	194950	21.939	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	329100	20.387	ug/l	94
10) Methyl Iodide	3.95	142	282233	16.794	ug/l	93
11) Tert butyl alcohol	4.80	59	123366	122.696	ug/l	97
12) 1,1-Dichloroethene	3.73	96	301377	20.350	ug/l	89
13) Acrolein	3.61	56	73348	69.563	ug/l	99
14) Allyl chloride	4.32	41	468258	20.025	ug/l	90
15) Acrylonitrile	4.99	53	573493	114.068	ug/l	99
16) Acetone	3.82	43	411930	99.035	ug/l	92
17) Carbon Disulfide	4.05	76	825165	17.777	ug/l	100
18) Methyl Acetate	4.33	43	320207	25.248	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	852667	22.582	ug/l	100
20) Methylene Chloride	4.55	84	368264	21.199	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	318133	20.291	ug/l	89
22) Diisopropyl ether	5.96	45	1033767	22.138	ug/l	98
23) Vinyl Acetate	5.90	43	3338936	109.684	ug/l	97
24) 1,1-Dichloroethane	5.85	63	629576	21.065	ug/l	98
25) 2-Butanone	6.84	43	625394	111.975	ug/l	98
26) 2,2-Dichloropropane	6.82	77	376039	15.579	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	372996	21.398	ug/l	88
28) Bromochloromethane	7.19	49	284771	21.491	ug/l #	83
29) Tetrahydrofuran	7.22	42	417340	116.083	ug/l	93
30) Chloroform	7.37	83	641773	21.577	ug/l	99
31) Cyclohexane	7.65	56	518999	20.380	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	545455	21.493	ug/l	97
36) 1,1-Dichloropropene	7.79	75	454590	19.763	ug/l	97
37) Ethyl Acetate	6.93	43	293699	23.487	ug/l	97
38) Carbon Tetrachloride	7.78	117	475904	19.985	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	450490	18.245	ug/l	97
40) Benzene	8.04	78	1429347	20.269	ug/l	99
41) Methacrylonitrile	7.18	41	153305	22.678	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	458945	21.065	ug/l	97
43) Isopropyl Acetate	8.17	43	567355	23.747	ug/l	98
44) Trichloroethene	8.84	130	377064	20.248	ug/l	92
45) 1,2-Dichloropropane	9.12	63	380626	20.614	ug/l	100
46) Dibromomethane	9.21	93	223944	20.917	ug/l	91
47) Bromodichloromethane	9.41	83	489549	20.808	ug/l	100
48) Methyl methacrylate	9.20	41	251998	22.398	ug/l	89
49) 1,4-Dioxane	9.20	88	72660	467.917	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	1455543	116.239	ug/l	94
52) Toluene	10.16	92	881416	21.296	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	445236	19.782	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	520729	19.594	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	323888	20.992	ug/l	98
56) Ethyl methacrylate	10.43	69	388714	21.837	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	539527	21.108	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	556464	96.759	ug/l	94
59) 2-Hexanone	10.76	43	913374	113.140	ug/l	93
60) Dibromochloromethane	10.90	129	359922	20.900	ug/l	100
61) 1,2-Dibromoethane	11.01	107	309722	21.596	ug/l	100
64) Tetrachloroethene	10.63	164	404340	21.799	ug/l	97
65) Chlorobenzene	11.44	112	933601	20.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	355803	20.276	ug/l	99
67) Ethyl Benzene	11.51	91	1579490	20.421	ug/l	97
68) m/p-Xylenes	11.63	106	1213041	41.790	ug/l	97
69) o-Xylene	11.95	106	587877	21.027	ug/l	94
70) Styrene	11.97	104	944007	21.402	ug/l	98
71) Bromoform	12.13	173	242306	21.332	ug/l #	100
73) Isopropylbenzene	12.25	105	1556390	20.184	ug/l	98
74) N-amyl acetate	12.07	43	403979	21.390	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	377953	22.598	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	345164m	23.035	ug/l	
77) Bromobenzene	12.53	156	396968	19.490	ug/l	93
78) n-propylbenzene	12.59	91	1737436	20.521	ug/l	98
79) 2-Chlorotoluene	12.68	91	1077643	20.088	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1263826	20.853	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	91089	19.213	ug/l	94
82) 4-Chlorotoluene	12.78	91	1053756	20.361	ug/l	97
83) tert-Butylbenzene	13.00	119	1085261	20.212	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1261051	20.945	ug/l	98
85) sec-Butylbenzene	13.17	105	1416096	19.815	ug/l	98
86) p-Isopropyltoluene	13.29	119	1194596	20.007	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	667149	19.911	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	649472	19.557	ug/l	99
89) n-Butylbenzene	13.62	91	853916	18.310	ug/l	99
90) Hexachloroethane	13.88	117	240948	20.316	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	668158	20.332	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	57594	21.454	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	217290	17.801	ug/l	98
94) Hexachlorobutadiene	15.01	225	192620	18.316	ug/l	97
95) Naphthalene	15.14	128	446392	19.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	240494	18.662	ug/l	97

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

