

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049312.D
 Acq On : 16 Jun 2018 16:22
 Operator : MD\SY
 Sample : VN0616WBSD03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD03

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 3:16:23 PM

Quant Time: Jun 18 03:41:19 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	1443221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2116570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1923205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	910980	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	937623	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.59	113	831566	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.09	98	3133100	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	12.40	95	1015867	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	300910	18.11	ug/l	99
3) Chloromethane	2.06	50	364306	16.98	ug/l	96
4) Vinyl Chloride	2.18	62	406833	17.85	ug/l	98
5) Bromomethane	2.57	94	184885	15.43	ug/l	99
6) Chloroethane	2.71	64	260756	19.18	ug/l	98
7) Trichlorofluoromethane	3.02	101	540091	18.99	ug/l	99
8) Diethyl Ether	3.41	74	193043	19.44	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	340233	18.86	ug/l	92
10) Methyl Iodide	3.95	142	326735	17.40	ug/l	92
11) Tert butyl alcohol	4.80	59	103665	92.27	ug/l	99
12) 1,1-Dichloroethene	3.73	96	305690	18.47	ug/l	92
13) Acrolein	3.61	56	95678	81.21	ug/l	98
14) Allyl chloride	4.32	41	494099	18.91	ug/l	91
15) Acrylonitrile	4.99	53	551299	98.13	ug/l	99
16) Acetone	3.82	43	474135	102.01	ug/l	92
17) Carbon Disulfide	4.05	76	885963	17.08	ug/l	99
18) Methyl Acetate	4.33	43	294828	20.80	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	834470	19.78	ug/l	98
20) Methylene Chloride	4.55	84	364756	18.79	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	325657	18.59	ug/l	92
22) Diisopropyl ether	5.96	45	1048338	20.09	ug/l	98
23) Vinyl Acetate	5.90	43	3329459	97.88	ug/l	96
24) 1,1-Dichloroethane	5.85	63	635086	19.02	ug/l	99
25) 2-Butanone	6.84	43	616809	98.84	ug/l	96
26) 2,2-Dichloropropane	6.83	77	524215	19.44	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	380157	19.52	ug/l	91
28) Bromochloromethane	7.20	49	303005	20.47	ug/l	86
29) Tetrahydrofuran	7.22	42	392011	97.58	ug/l	94
30) Chloroform	7.37	83	641168	19.29	ug/l	100
31) Cyclohexane	7.65	56	546838	19.21	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	546318	19.27	ug/l	97
36) 1,1-Dichloropropene	7.79	75	477364	19.68	ug/l	97
37) Ethyl Acetate	6.93	43	274803	20.84	ug/l #	96
38) Carbon Tetrachloride	7.77	117	480772	19.14	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	499356	19.18	ug/l	99
40) Benzene	8.04	78	1437908	19.33	ug/l	99
41) Methacrylonitrile	7.18	41	146628	20.57	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	462659	20.14	ug/l	97
43) Isopropyl Acetate	8.17	43	523917	20.79	ug/l	98
44) Trichloroethene	8.84	130	383660	19.54	ug/l	96
45) 1,2-Dichloropropane	9.12	63	386409	19.84	ug/l	100
46) Dibromomethane	9.21	93	222664	19.72	ug/l	91
47) Bromodichloromethane	9.40	83	497008	20.03	ug/l	96
48) Methyl methacrylate	9.20	41	245000	20.65	ug/l	89
49) 1,4-Dioxane	9.20	88	62190	379.75	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1345995	101.92	ug/l	96
52) Toluene	10.16	92	884660	20.27	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	458872	19.33	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	544935	19.44	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	319608	19.64	ug/l	98
56) Ethyl methacrylate	10.43	69	367647	19.58	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	537113	19.93	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	543406	90.66	ug/l	95
59) 2-Hexanone	10.75	43	851576	100.02	ug/l	95
60) Dibromochloromethane	10.90	129	358674	19.75	ug/l	98
61) 1,2-Dibromoethane	11.01	107	297621	19.68	ug/l	100
64) Tetrachloroethene	10.63	164	407613	20.68	ug/l	98
65) Chlorobenzene	11.44	112	948207	19.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	357241	19.16	ug/l	99
67) Ethyl Benzene	11.51	91	1614503	19.65	ug/l	98
68) m/p-Xylenes	11.62	106	1239704	40.20	ug/l	97
69) o-Xylene	11.95	106	593233	19.97	ug/l	97
70) Styrene	11.97	104	946960	20.21	ug/l	98
71) Bromoform	12.13	173	233568	19.35	ug/l #	98
73) Isopropylbenzene	12.25	105	1591629	19.90	ug/l	98
74) N-amyl acetate	12.07	43	359557	18.35	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	367982	21.07	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	328709m	21.15	ug/l	
77) Bromobenzene	12.53	156	400199	18.94	ug/l	91
78) n-propylbenzene	12.59	91	1778637	20.25	ug/l	99
79) 2-Chlorotoluene	12.68	91	1099800	19.76	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1296496	20.62	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	90197	18.34	ug/l	93
82) 4-Chlorotoluene	12.77	91	1073379	19.99	ug/l	98
83) tert-Butylbenzene	12.99	119	1103043	19.80	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1299003	20.80	ug/l	99
85) sec-Butylbenzene	13.17	105	1469275	19.82	ug/l	98
86) p-Isopropyltoluene	13.29	119	1246201	20.12	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	661044	19.02	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	637178	18.50	ug/l	99
89) n-Butylbenzene	13.62	91	907657	18.76	ug/l	98
90) Hexachloroethane	13.88	117	250693	20.38	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	652457	19.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51975	18.66	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	210117	16.92	ug/l	98
94) Hexachlorobutadiene	15.01	225	209668	19.36	ug/l	98
95) Naphthalene	15.14	128	404755	17.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	237234	17.92	ug/l	99

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

