

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006617.D
 Acq On : 17 Jul 2018 14:01
 Operator : SY/MD
 Sample : VSTD02079
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02079

Manual Integrations
 APPROVED

MMDadoda
 7/18/2018 5:49:03 PM

Quant Time: Jul 17 14:23:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 13:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252624	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121925	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	472116	34.37	ug/L	0.00
7) Chloroethane-d5	1.57	69	317811	26.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	787427	30.82	ug/L	0.00
20) 2-Butanone-d5	3.96	46	670805	192.28	ug/L	0.00
24) Chloroform-d	4.41	84	754371	27.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	365329	29.10	ug/L	0.00
32) Benzene-d6	5.10	84	1579738	29.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	494650	28.07	ug/L	0.00
41) Toluene-d8	7.37	98	1465150	30.19	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	188179	31.49	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	1012111	335.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	393777	28.41	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	548140	26.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	486639m	24.56	ug/L	
3) Chloromethane	1.27	50	602004	24.84	ug/L	99
5) Vinyl chloride	1.32	62	599481	26.66	ug/L	100
6) Bromomethane	1.51	94	165440m	15.87	ug/L	
8) Chloroethane	1.58	64	305003	22.34	ug/L	100
9) Trichlorofluoromethane	1.76	101	631507	24.95	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	378521	24.21	ug/L	99
12) 1,1-Dichloroethene	2.14	96	393588	24.88	ug/L	98
13) Acetone	2.19	43	636649	288.55	ug/L	100
14) Carbon disulfide	2.31	76	1274025	26.93	ug/L	99
15) Methyl Acetate	2.46	43	187523	28.87	ug/L	99
16) Methylene chloride	2.54	84	445758	24.99	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	1040325	27.77	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	442084	25.62	ug/L	98
19) 1,1-Dichloroethane	3.23	63	814301	27.19	ug/L	98
21) 2-Butanone	4.04	43	1167333	322.45	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	478552	25.81	ug/L	100
23) Bromochloromethane	4.30	128	196865	25.92	ug/L	98
25) Chloroform	4.43	83	767445	25.76	ug/L	100
27) 1,2-Dichloroethane	5.19	62	455337	26.92	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	625594	25.07	ug/L	100
30) Cyclohexane	4.72	56	664399	25.02	ug/L	100
31) Carbon tetrachloride	4.88	117	524337	25.12	ug/L	100
33) Benzene	5.15	78	1784843	25.11	ug/L	100
34) Trichloroethene	5.96	95	437626	24.00	ug/L	99
35) Methylcyclohexane	6.18	83	715818	24.38	ug/L	99
37) 1,2-Dichloropropane	6.23	63	454319	26.13	ug/L	100
38) Bromodichloromethane	6.56	83	531059	27.09	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	663253	28.42	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	2681366	304.26	ug/L	97

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

42) Toluene	7.44	91	1856152	25.10	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	531081	29.48	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	313349	25.76	ug/L	99
47) Tetrachloroethene	8.02	164	343654	22.92	ug/L	97
48) 2-Hexanone	8.19	43	1949574	311.99	ug/L	99
49) Dibromochloromethane	8.30	129	356244	28.08	ug/L	97
50) 1,2-Dibromoethane	8.40	107	289755	26.16	ug/L	98
51) Chlorobenzene	8.93	112	1200390	24.82	ug/L	100
52) Ethylbenzene	9.06	91	2034400	25.90	ug/L	100
53) m,p-xylene	9.19	106	787815	26.03	ug/L	100
54) o-xylene	9.59	106	783235	26.44	ug/L	97
55) Styrene	9.61	104	1363215	27.37	ug/L	100
56) Isopropylbenzene	9.98	105	1992734	26.23	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.30	83	402639	28.05	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	284046	27.46	ug/L	99
61) Bromoform	9.78	173	193297	27.68	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	933371	24.27	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	943350	24.13	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	903454	24.32	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	58942	29.69	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	744795	24.45	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	643329	26.54	ug/L	100
69) Naphthalene	13.56	128	1266988	30.78	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	604788	26.62	ug/L	100

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

