

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006614.D
 Acq On : 17 Jul 2018 12:38
 Operator : SY/MD
 Sample : VSTD00176
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00176

Quant Time: Jul 17 13:45:06 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	247000	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	102887	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23781	1.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	18193	1.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	41349	1.66	ug/L	0.00
20) 2-Butanone-d5	3.96	46	34898	10.23	ug/L	0.00
24) Chloroform-d	4.41	84	37548	1.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	18469	1.50	ug/L	0.00
32) Benzene-d6	5.10	84	78510	1.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	24656	1.47	ug/L	0.00
41) Toluene-d8	7.37	98	70748	1.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	7904	1.39	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	42654	14.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19168	1.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	24467	1.38	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	26144	1.35	ug/L	# 82
3) Chloromethane	1.27	50	27332	1.15	ug/L	100
5) Vinyl chloride	1.32	62	30283	1.38	ug/L	98
6) Bromomethane	1.52	94	13229	1.30	ug/L	96
8) Chloroethane	1.59	64	17523	1.31	ug/L	98
9) Trichlorofluoromethane	1.77	101	33839	1.37	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	20038	1.31	ug/L	99
12) 1,1-Dichloroethene	2.14	96	20164	1.30	ug/L	97
13) Acetone	2.19	43	34241	15.87	ug/L	97
14) Carbon disulfide	2.32	76	59925	1.30	ug/L	100
15) Methyl Acetate	2.47	43	10356	1.63	ug/L	99
16) Methylene chloride	2.54	84	26209	1.50	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	52174	1.42	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	21806	1.29	ug/L	100
19) 1,1-Dichloroethane	3.23	63	41741	1.43	ug/L	99
21) 2-Butanone	4.04	43	56693	16.02	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	22814	1.26	ug/L	95
23) Bromochloromethane	4.31	128	9152	1.23	ug/L	97
25) Chloroform	4.43	83	38846	1.33	ug/L	97
27) 1,2-Dichloroethane	5.19	62	23037	1.39	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	30166	1.27	ug/L	99
30) Cyclohexane	4.73	56	30719	1.22	ug/L	98
31) Carbon tetrachloride	4.88	117	24619	1.24	ug/L	98
33) Benzene	5.15	78	87262	1.29	ug/L	100
34) Trichloroethene	5.96	95	21398	1.23	ug/L	98
35) Methylcyclohexane	6.18	83	32181	1.15	ug/L	97
37) 1,2-Dichloropropane	6.23	63	21795	1.32	ug/L	100
38) Bromodichloromethane	6.56	83	24117	1.29	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	26513	1.19	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	120732	14.40	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	87063	1.24	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	20455	1.19	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	15899	1.37	ug/L	96
47) Tetrachloroethene	8.03	164	17136	1.20	ug/L	98
48) 2-Hexanone	8.19	43	85794	14.43	ug/L	98
49) Dibromochloromethane	8.30	129	14345	1.19	ug/L	95
50) 1,2-Dibromoethane	8.40	107	13417	1.27	ug/L	97
51) Chlorobenzene	8.93	112	56841	1.24	ug/L	99
52) Ethylbenzene	9.06	91	87971	1.18	ug/L	99
53) m,p-xylene	9.19	106	33355	1.16	ug/L	96
54) o-xylene	9.59	106	32003	1.14	ug/L	98
55) Styrene	9.61	104	54549	1.15	ug/L	98
56) Isopropylbenzene	9.98	105	83210	1.15	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	19238	1.41	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	13789	1.40	ug/L	100
61) Bromoform	9.78	173	7488	1.27	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	39539	1.22	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	40798	1.24	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	39716	1.27	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	2386	1.42	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	30067	1.17	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	24572	1.20	ug/L	98
69) Naphthalene	13.56	128	42064	1.21	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	23211	1.21	ug/L	99

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

