

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091918\
 Data File : VV007640.D
 Acq On : 19 Sep 2018 21:55
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01070

Quant Time: Sep 20 05:18:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 05:17:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113889	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104935	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48958	9.28	ug/L	0.00
7) Chloroethane-d5	1.58	69	47096	9.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	127308	9.75	ug/L	0.00
20) 2-Butanone-d5	3.97	46	128020	153.76	ug/L	0.00
24) Chloroform-d	4.41	84	119121	10.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	59401	10.58	ug/L	0.00
32) Benzene-d6	5.10	84	223405	10.25	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	65370	10.32	ug/L	0.00
41) Toluene-d8	7.36	98	230895	10.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	27759	10.03	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	103977	173.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	54913	12.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	102689	10.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89610	9.515	ug/L 99
3) Chloromethane	1.25	50	67399	9.731	ug/L 100
5) Vinyl chloride	1.32	62	78771	9.896	ug/L 99
6) Bromomethane	1.54	94	55782	9.570	ug/L 98
8) Chloroethane	1.60	64	50886	10.448	ug/L 100
9) Trichlorofluoromethane	1.77	101	169145	10.503	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89978	10.120	ug/L 98
12) 1,1-Dichloroethene	2.14	96	78712	9.755	ug/L 95
13) Acetone	2.22	43	99096	136.010	ug/L 99
14) Carbon disulfide	2.32	76	217210	9.364	ug/L 99
15) Methyl Acetate	2.47	43	25547	12.664	ug/L 98
16) Methylene chloride	2.54	84	77905	9.159	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	187098	10.489	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	85877	9.854	ug/L 98
19) 1,1-Dichloroethane	3.23	63	111603	9.740	ug/L 99
21) 2-Butanone	4.05	43	138271	129.490	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	78135	10.016	ug/L 98
23) Bromochloromethane	4.31	128	36029	10.158	ug/L 98
25) Chloroform	4.43	83	130203	9.841	ug/L 100
27) 1,2-Dichloroethane	5.19	62	77976	10.198	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	124608	10.136	ug/L 99
30) Cyclohexane	4.72	56	103674	9.731	ug/L 100
31) Carbon tetrachloride	4.87	117	114775	10.022	ug/L 97
33) Benzene	5.15	78	273643	10.136	ug/L 100
34) Trichloroethene	5.96	95	79650	9.007	ug/L 98
35) Methylcyclohexane	6.18	83	124368	9.656	ug/L 100
37) 1,2-Dichloropropane	6.23	63	65558	10.556	ug/L 100
38) Bromodichloromethane	6.56	83	90031	10.182	ug/L 100
39) cis-1,3-Dichloropropene	7.08	75	101375	10.080	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	355517	98.453	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	316519	10.087	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	81963	10.161	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	49877	9.927	ug/L	97
47) Tetrachloroethene	8.02	164	78052	9.645	ug/L	97
48) 2-Hexanone	8.19	43	258209	94.285	ug/L	99
49) Dibromochloromethane	8.30	129	67972	10.343	ug/L	97
50) 1,2-Dibromoethane	8.40	107	49588	9.970	ug/L	99
51) Chlorobenzene	8.93	112	217387	9.983	ug/L	99
52) Ethylbenzene	9.06	91	356968	10.028	ug/L	97
53) m,p-xylene	9.19	106	141684	9.875	ug/L	96
54) o-xylene	9.59	106	139739	10.330	ug/L	100
55) Styrene	9.61	104	232739	10.363	ug/L	99
56) Isopropylbenzene	9.98	105	378919	10.161	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	58410	12.252	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	41339	10.087	ug/L	98
61) Bromoform	9.78	173	38699	9.935	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	191937	9.826	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	192834	9.969	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	179608	9.964	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	8977	11.584	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	165774	10.596	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	137340	12.185	ug/L	99
69) Naphthalene	13.56	128	204676	14.575	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	125147	12.124	ug/L	97

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

