

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008272.D
 Acq On : 15 Oct 2018 12:22
 Operator : SY/MD
 Sample : VSTD01073
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01073

Quant Time: Oct 16 04:41:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 04:38:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106511	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62956	9.75	ug/L	0.00
7) Chloroethane-d5	1.59	69	46056	8.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	118492	9.45	ug/L	0.00
20) 2-Butanone-d5	3.97	46	213492	127.26	ug/L	0.00
24) Chloroform-d	4.41	84	139613	10.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	70344	10.40	ug/L	0.00
32) Benzene-d6	5.10	84	295321	11.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	98261	11.78	ug/L	0.00
41) Toluene-d8	7.36	98	267848	10.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	38699	13.08	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	152337	132.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	66392	11.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	81624	9.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	80188	11.026 ug/L	100
3) Chloromethane	1.25	50	83114	12.857 ug/L	98
5) Vinyl chloride	1.33	62	80311	11.557 ug/L	97
6) Bromomethane	1.54	94	42919	12.536 ug/L	97
8) Chloroethane	1.60	64	40971	9.176 ug/L	100
9) Trichlorofluoromethane	1.77	101	97906	8.719 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56388	8.558 ug/L	96
12) 1,1-Dichloroethene	2.14	96	52270	9.324 ug/L	96
13) Acetone	2.22	43	109382	101.075 ug/L	96
14) Carbon disulfide	2.32	76	177023	11.645 ug/L	99
15) Methyl Acetate	2.47	43	25748	10.179 ug/L	95
16) Methylene chloride	2.54	84	52937	7.807 ug/L	96
17) Methyl tert-butyl Ether	2.82	73	145091	10.008 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	54120	8.839 ug/L	93
19) 1,1-Dichloroethane	3.23	63	125139	10.669 ug/L	98
21) 2-Butanone	4.06	43	230504	123.541 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	87070	11.782 ug/L	# 99
23) Bromochloromethane	4.31	128	33216	10.312 ug/L	95
25) Chloroform	4.43	83	139434	10.616 ug/L	97
27) 1,2-Dichloroethane	5.19	62	86246	11.161 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	118798	10.759 ug/L	100
30) Cyclohexane	4.72	56	153328	14.917 ug/L	99
31) Carbon tetrachloride	4.87	117	101950	10.388 ug/L	99
33) Benzene	5.15	78	328533	12.534 ug/L	100
34) Trichloroethene	5.96	95	85256	11.189 ug/L	95
35) Methylcyclohexane	6.18	83	155313	14.000 ug/L	99
37) 1,2-Dichloropropane	6.23	63	89949	12.569 ug/L	99
38) Bromodichloromethane	6.56	83	101500	11.808 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	130123	13.918 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	550422	132.638 ug/L	100

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

42) Toluene	7.43	91	343672	12.485	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	103280	13.686	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	55503	11.476	ug/L	99
47) Tetrachloroethene	8.02	164	57613	9.171	ug/L	92
48) 2-Hexanone	8.19	43	408046	141.992	ug/L	99
49) Dibromochloromethane	8.29	129	64050	10.777	ug/L	100
50) 1,2-Dibromoethane	8.40	107	53560	12.116	ug/L #	94
51) Chlorobenzene	8.93	112	207868	11.123	ug/L	99
52) Ethylbenzene	9.06	91	382658	12.689	ug/L	99
53) m,p-xylene	9.18	106	138866	12.242	ug/L	97
54) o-xylene	9.59	106	136485	12.516	ug/L	99
55) Styrene	9.61	104	224043	12.307	ug/L	99
56) Isopropylbenzene	9.98	105	364485	12.343	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	65613	11.618	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	51383	12.475	ug/L	99
61) Bromoform	9.78	173	32857	11.961	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	145895	11.063	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	142807	10.803	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	138386	10.901	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10324	14.426	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	97971	9.201	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	75523	9.664	ug/L	98
69) Naphthalene	13.56	128	134784	12.468	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	71900	9.614	ug/L	100

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

