

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008273.D
 Acq On : 15 Oct 2018 12:54
 Operator : SY/MD
 Sample : VSTD02074
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02074

Quant Time: Oct 16 04:42:10 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	128985	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152693	19.52	ug/L	0.00
7) Chloroethane-d5	1.59	69	108141	16.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	283536	18.67	ug/L	0.00
20) 2-Butanone-d5	3.97	46	492906	242.62	ug/L	0.00
24) Chloroform-d	4.41	84	329497	20.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	165129	20.16	ug/L	0.00
32) Benzene-d6	5.10	84	704758	22.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	236336	23.70	ug/L	0.00
41) Toluene-d8	7.36	98	649742	22.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	92951	26.28	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	386519	280.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	156631	22.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	197669	19.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	198010	22.483 ug/L	99
3) Chloromethane	1.25	50	196911	25.152 ug/L	98
5) Vinyl chloride	1.33	62	193617	23.008 ug/L	99
6) Bromomethane	1.54	94	105423	25.428 ug/L	100
8) Chloroethane	1.60	64	96498	17.846 ug/L	99
9) Trichlorofluoromethane	1.77	101	218216	16.048 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	135198	16.944 ug/L	98
12) 1,1-Dichloroethene	2.14	96	124195	18.294 ug/L	98
13) Acetone	2.22	43	251006	191.530 ug/L	95
14) Carbon disulfide	2.32	76	422028	22.924 ug/L	100
15) Methyl Acetate	2.47	43	57488	18.768 ug/L	95
16) Methylene chloride	2.54	84	123725	15.066 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	334413	19.047 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	130891	17.653 ug/L	98
19) 1,1-Dichloroethane	3.23	63	303022	21.333 ug/L	97
21) 2-Butanone	4.06	43	547588	242.350 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	204098	22.806 ug/L	# 96
23) Bromochloromethane	4.30	128	78514	20.128 ug/L	96
25) Chloroform	4.43	83	334636	21.039 ug/L	96
27) 1,2-Dichloroethane	5.19	62	205538	21.963 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	291054	22.045 ug/L	99
30) Cyclohexane	4.72	56	374350	30.459 ug/L	98
31) Carbon tetrachloride	4.87	117	248800	21.202 ug/L	99
33) Benzene	5.15	78	795751	25.391 ug/L	100
34) Trichloroethene	5.96	95	210493	23.104 ug/L	99
35) Methylcyclohexane	6.18	83	380290	28.670 ug/L	99
37) 1,2-Dichloropropane	6.23	63	210226	24.568 ug/L	99
38) Bromodichloromethane	6.56	83	245119	23.849 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	314935	28.173 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	1251208	252.167 ug/L	99

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42) Toluene	7.43	91	835220	25.377	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	251379	27.859	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	131065	22.665	ug/L	99
47) Tetrachloroethene	8.02	164	140928	18.762	ug/L	95
48) 2-Hexanone	8.19	43	929958	270.648	ug/L	98
49) Dibromochloromethane	8.29	129	157652	22.186	ug/L	99
50) 1,2-Dibromoethane	8.40	107	124365	23.529	ug/L #	94
51) Chlorobenzene	8.93	112	507960	22.733	ug/L	98
52) Ethylbenzene	9.06	91	939811	26.064	ug/L	100
53) m,p-xylene	9.18	106	343711	25.341	ug/L	97
54) o-xylene	9.59	106	335855	25.758	ug/L	99
55) Styrene	9.60	104	556689	25.575	ug/L	97
56) Isopropylbenzene	9.98	105	899546	25.477	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	155142	22.976	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	119992	24.365	ug/L	96
61) Bromoform	9.78	173	80109	23.792	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	364164	22.529	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	354314	21.866	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	331084	21.277	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	25972	29.607	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	250450	19.189	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	203061	21.198	ug/L	99
69) Naphthalene	13.56	128	360751	27.224	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	184591	20.137	ug/L	100

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

