

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008270.D
 Acq On : 15 Oct 2018 11:25
 Operator : SY/MD
 Sample : VSTD00171
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00171

Manual Integrations
 APPROVED

sam
 10/16/2018 5:47:31 PM

Quant Time: Oct 16 04:50:47 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	107961	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95584	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6037	0.92	ug/L	0.00
7) Chloroethane-d5	1.59	69	5113	0.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11385	0.90	ug/L	0.00
20) 2-Butanone-d5	3.99	46	19759	11.62	ug/L	0.00
24) Chloroform-d	4.40	84	14132	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7124	1.04	ug/L	0.00
32) Benzene-d6	5.10	84	28397	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	9117	1.12	ug/L	0.00
41) Toluene-d8	7.36	98	25645	1.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3689	1.28	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	11512	10.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	5985	1.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7374	1.01	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	7453	1.011	ug/L	99
3) Chloromethane	1.25	50	7906	1.207	ug/L	98
5) Vinyl chloride	1.33	62	7052	1.001	ug/L	98
6) Bromomethane	1.54	94	4626	1.333	ug/L	99
8) Chloroethane	1.60	64	4081	0.902	ug/L	91
9) Trichlorofluoromethane	1.77	101	8978	0.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5119	0.766	ug/L	97
12) 1,1-Dichloroethene	2.14	96	4548	0.800	ug/L	91
13) Acetone	2.22	43	10470m	9.545	ug/L	
14) Carbon disulfide	2.32	76	16174	1.050	ug/L	97
15) Methyl Acetate	2.48	43	2935	1.145	ug/L	93
16) Methylene chloride	2.54	84	5878	0.855	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	13340	0.908	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	4689	0.756	ug/L	91
19) 1,1-Dichloroethane	3.23	63	9647	0.811	ug/L #	86
21) 2-Butanone	4.06	43	19363	10.238	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	8454	1.129	ug/L #	96
23) Bromochloromethane	4.30	128	3081	0.944	ug/L	92
25) Chloroform	4.43	83	12600	0.946	ug/L	99
27) 1,2-Dichloroethane	5.19	62	7490	0.956	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	10732	0.995	ug/L	100
30) Cyclohexane	4.72	56	13980	1.393	ug/L	99
31) Carbon tetrachloride	4.87	117	9193	0.959	ug/L	93
33) Benzene	5.15	78	28203	1.102	ug/L	100
34) Trichloroethene	5.96	95	8301	1.116	ug/L	96
35) Methylcyclohexane	6.17	83	12958	1.196	ug/L	91
37) 1,2-Dichloropropane	6.23	63	7969	1.140	ug/L #	97
38) Bromodichloromethane	6.56	83	8482	1.010	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	10710	1.173	ug/L	89
40) 4-Methyl-2-pentanone	7.29	43	46868	11.564	ug/L	98

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42) Toluene	7.43	91	30036	1.117	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	8416	1.142	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	5100	1.080	ug/L	97
47) Tetrachloroethene	8.02	164	5076	0.827	ug/L	89
48) 2-Hexanone	8.20	43	32800	11.687	ug/L	97
49) Dibromochloromethane	8.30	129	5099	0.878	ug/L	93
50) 1,2-Dibromoethane	8.41	107	4530	1.049	ug/L #	92
51) Chlorobenzene	8.93	112	17518	0.960	ug/L	100
52) Ethylbenzene	9.06	91	32078	1.089	ug/L	99
53) m,p-xylene	9.18	106	11711	1.057	ug/L	100
54) o-xylene	9.59	106	11410	1.071	ug/L	97
55) Styrene	9.61	104	18116	1.019	ug/L	95
56) Isopropylbenzene	9.98	105	30748	1.066	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	4664	0.846	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	4281	1.064	ug/L #	71
61) Bromoform	9.78	173	2464	1.013	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	11395	0.976	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	11364	0.971	ug/L	95
65) 1,2-Dichlorobenzene	11.70	146	10906	0.970	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	857	1.352	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	6779	0.719	ug/L	95
68) 1,2,4-trichlorobenzene	13.32	180	4222	0.610	ug/L	97
69) Naphthalene	13.56	128	8522	0.890	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	4378	0.661	ug/L	94

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

