

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120518\
 Data File : VV008836.D
 Acq On : 05 Dec 2018 10:33
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00165

Manual Integrations
 APPROVED

sam
 12/7/2018 5:45:42 PM

Quant Time: Dec 06 04:44:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 06 04:37:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121056	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6242	0.77	ug/L	0.00
7) Chloroethane-d5	1.59	69	4687	0.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	12079	0.86	ug/L	0.00
20) 2-Butanone-d5	3.99	46	14787	7.99	ug/L	0.02
24) Chloroform-d	4.41	84	14775	0.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6802	0.86	ug/L	0.00
32) Benzene-d6	5.10	84	27935	0.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	8507	0.85	ug/L	0.00
41) Toluene-d8	7.36	98	25899	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3107	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10329	7.41	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5499	0.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	9431	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11361	1.048 ug/L	100
3) Chloromethane	1.25	50	7581	0.956 ug/L	98
5) Vinyl chloride	1.33	62	7551	0.959 ug/L	94
6) Bromomethane	1.54	94	4435	0.902 ug/L	97
8) Chloroethane	1.60	64	4360	0.969 ug/L	99
9) Trichlorofluoromethane	1.77	101	12493	1.040 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6735	0.992 ug/L	99
12) 1,1-Dichloroethene	2.14	96	5742	0.968 ug/L	99
13) Acetone	2.23	43	8681m	9.356 ug/L	
14) Carbon disulfide	2.32	76	16349	0.941 ug/L	98
15) Methyl Acetate	2.48	43	1808	0.740 ug/L #	82
16) Methylene chloride	2.54	84	6879	1.029 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	14530	0.995 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	6252	0.961 ug/L	92
19) 1,1-Dichloroethane	3.23	63	13982	0.974 ug/L	99
21) 2-Butanone	4.07	43	16038	8.712 ug/L	89
22) cis-1,2-Dichloroethene	3.97	96	8444	0.924 ug/L	90
23) Bromochloromethane	4.30	128	3606	0.960 ug/L	89
25) Chloroform	4.44	83	15237	0.965 ug/L	98
27) 1,2-Dichloroethane	5.19	62	8422	0.928 ug/L #	91
29) 1,1,1-Trichloroethane	4.66	97	12852	0.991 ug/L	99
30) Cyclohexane	4.72	56	11889	0.886 ug/L	99
31) Carbon tetrachloride	4.88	117	11504	1.021 ug/L	99
33) Benzene	5.15	78	30487	0.931 ug/L	100
34) Trichloroethene	5.96	95	8986	0.977 ug/L	98
35) Methylcyclohexane	6.18	83	13769	0.947 ug/L	97
37) 1,2-Dichloropropane	6.23	63	7857	0.963 ug/L #	92
38) Bromodichloromethane	6.56	83	9042	0.964 ug/L	94
39) cis-1,3-Dichloropropene	7.08	75	9910	0.919 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	38328	9.164 ug/L	97

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42) Toluene	7.43	91	32980	0.957	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	7493	0.878	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	5659	1.042	ug/L	96
47) Tetrachloroethene	8.02	164	7134	0.997	ug/L	99
48) 2-Hexanone	8.20	43	26981	9.204	ug/L	99
49) Dibromochloromethane	8.29	129	5818	0.968	ug/L	91
50) 1,2-Dibromoethane	8.40	107	4898	0.952	ug/L #	97
51) Chlorobenzene	8.93	112	22469	0.988	ug/L	99
52) Ethylbenzene	9.06	91	35400	0.948	ug/L	100
53) m,p-xylene	9.18	106	13382	0.953	ug/L	95
54) o-xylene	9.59	106	12497	0.928	ug/L	99
55) Styrene	9.61	104	20051	0.892	ug/L	95
56) Isopropylbenzene	9.98	105	34537	0.939	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	5141	0.894	ug/L	87
59) 1,2,3-Trichloropropane	10.32	75	4589	0.976	ug/L	95
61) Bromoform	9.77	173	2908	1.008	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	16957	0.992	ug/L	92
63) 1,4-Dichlorobenzene	11.32	146	17705	1.039	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	15464	0.956	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	608	0.762	ug/L #	60
67) 1,3,5-Trichlorobenzene	12.70	180	12173	0.969	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	8039	0.865	ug/L	99
69) Naphthalene	13.56	128	10444	0.765	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7875	0.903	ug/L	99

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

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