

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008763.D
 Acq On : 29 Nov 2018 14:54
 Operator : SY/MD
 Sample : VSTD00164
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00164

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 9:50:29 AM

Quant Time: Nov 30 04:42:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 04:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168650	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157656	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11609	1.17	ug/L	0.00
7) Chloroethane-d5	1.59	69	8597	1.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	20262	1.07	ug/L	0.00
20) 2-Butanone-d5	3.99	46	23747	9.15	ug/L	0.02
24) Chloroform-d	4.41	84	23200	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	10779	1.00	ug/L	0.00
32) Benzene-d6	5.10	84	46628	1.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	15415	1.08	ug/L	0.00
41) Toluene-d8	7.36	98	42082	0.98	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4132	0.83	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	16893	8.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	8948	0.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	15189	1.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15720	1.080 ug/L	99
3) Chloromethane	1.25	50	11798	1.028 ug/L	99
5) Vinyl chloride	1.33	62	11268	0.979 ug/L	97
6) Bromomethane	1.54	94	7197	1.119 ug/L	91
8) Chloroethane	1.60	64	6661	1.162 ug/L	95
9) Trichlorofluoromethane	1.77	101	17224	1.078 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9684	1.027 ug/L	99
12) 1,1-Dichloroethene	2.15	96	8388	0.999 ug/L	96
13) Acetone	2.24	43	12848m	9.802 ug/L	
14) Carbon disulfide	2.32	76	23922	0.943 ug/L	97
15) Methyl Acetate	2.47	43	3260	0.959 ug/L #	59
16) Methylene chloride	2.54	84	9996	1.074 ug/L	90
17) Methyl tert-butyl Ether	2.81	73	20849	1.044 ug/L #	92
18) trans-1,2-Dichloroethene	2.79	96	9681	1.074 ug/L	95
19) 1,1-Dichloroethane	3.23	63	18928	0.925 ug/L	93
21) 2-Butanone	4.07	43	24020	9.032 ug/L #	65
22) cis-1,2-Dichloroethene	3.97	96	12928	1.026 ug/L	100
23) Bromochloromethane	4.31	128	5327	1.025 ug/L	88
25) Chloroform	4.43	83	23279	1.070 ug/L	99
27) 1,2-Dichloroethane	5.19	62	13525	1.095 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	17985	0.980 ug/L	98
30) Cyclohexane	4.72	56	19340	0.990 ug/L	97
31) Carbon tetrachloride	4.88	117	15519	1.002 ug/L	97
33) Benzene	5.15	78	48669	1.020 ug/L	100
34) Trichloroethene	5.96	95	13379	1.022 ug/L	97
35) Methylcyclohexane	6.18	83	20029	0.960 ug/L	98
37) 1,2-Dichloropropane	6.23	63	12083	1.024 ug/L	99
38) Bromodichloromethane	6.56	83	13245	0.984 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	14195	0.902 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	58906	9.506 ug/L	99

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42) Toluene	7.43	91	50377	1.021	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	11166	0.907	ug/L	87
45) 1,1,2-Trichloroethane	7.89	97	7804	0.986	ug/L	92
47) Tetrachloroethene	8.02	164	10626	1.073	ug/L	99
48) 2-Hexanone	8.19	43	40586	9.406	ug/L	95
49) Dibromochloromethane	8.30	129	7517	0.896	ug/L	99
50) 1,2-Dibromoethane	8.40	107	7085	0.997	ug/L	89
51) Chlorobenzene	8.93	112	33182	0.931	ug/L	97
52) Ethylbenzene	9.06	91	52749	0.983	ug/L	98
53) m,p-xylene	9.18	106	19316	0.959	ug/L	97
54) o-xylene	9.59	106	18634	0.956	ug/L	94
55) Styrene	9.60	104	30471	0.953	ug/L	97
56) Isopropylbenzene	9.98	105	50873	0.981	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	7813	0.925	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	6621	0.988	ug/L	99
61) Bromoform	9.78	173	3602	0.932	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	24390	1.056	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	24392	0.986	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	23232	1.010	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	1117	0.986	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	17024	1.007	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	11380	0.911	ug/L	96
69) Naphthalene	13.56	128	15309	0.843	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	11542	1.024	ug/L	97

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

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