

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008581.D
 Acq On : 16 Nov 2018 15:16
 Operator : SY/MD
 Sample : VSTD00162
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00162

Manual Integrations
 APPROVED

MMDadoda
 11/17/2018 10:00:15 AM

Quant Time: Nov 17 04:31:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 04:17:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158041	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	141962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7126	0.88	ug/L	0.00
7) Chloroethane-d5	1.58	69	5636	0.93	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	13915	0.91	ug/L	0.00
20) 2-Butanone-d5	3.99	46	24686m	9.34	ug/L	0.02
24) Chloroform-d	4.41	84	18854	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	10177	0.99	ug/L	0.00
32) Benzene-d6	5.10	84	37720	0.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11669	0.98	ug/L	0.00
41) Toluene-d8	7.36	98	34785	1.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4245	0.89	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	20722	9.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	8167	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11367	0.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12645	0.917 ug/L	95
3) Chloromethane	1.25	50	10678	0.945 ug/L	98
5) Vinyl chloride	1.32	62	9207	0.860 ug/L	97
6) Bromomethane	1.54	94	5848	0.897 ug/L	99
8) Chloroethane	1.60	64	5537	0.965 ug/L	98
9) Trichlorofluoromethane	1.77	101	13162	0.973 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7706	0.943 ug/L	98
12) 1,1-Dichloroethene	2.14	96	7028	0.972 ug/L	93
13) Acetone	2.23	43	11676m	8.445 ug/L	
14) Carbon disulfide	2.32	76	20735	0.869 ug/L #	91
15) Methyl Acetate	2.47	43	3348	0.972 ug/L #	71
16) Methylene chloride	2.53	84	9298	1.144 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	18547	0.964 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	7527	0.918 ug/L	96
19) 1,1-Dichloroethane	3.23	63	17140	0.988 ug/L	99
21) 2-Butanone	4.06	43	26465m	9.025 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	11316	0.915 ug/L	96
23) Bromochloromethane	4.30	128	4339	0.904 ug/L	94
25) Chloroform	4.43	83	26822	1.262 ug/L	99
27) 1,2-Dichloroethane	5.18	62	11880	0.886 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	16618	0.939 ug/L	97
30) Cyclohexane	4.72	56	18715	0.949 ug/L	95
31) Carbon tetrachloride	4.87	117	14167	0.922 ug/L	99
33) Benzene	5.15	78	42824	0.974 ug/L	100
34) Trichloroethene	5.96	95	11051	0.941 ug/L	94
35) Methylcyclohexane	6.17	83	18453	0.951 ug/L	98
37) 1,2-Dichloropropane	6.23	63	11437	0.968 ug/L #	97
38) Bromodichloromethane	6.56	83	13723	0.992 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	14550	0.912 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	64863	9.266 ug/L	99

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42) Toluene	7.43	91	43949	0.961	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	11478	0.896	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	7139	0.965	ug/L	93
47) Tetrachloroethene	8.02	164	7909	0.930	ug/L	87
48) 2-Hexanone	8.19	43	43276	9.059	ug/L	98
49) Dibromochloromethane	8.30	129	7863	0.921	ug/L	90
50) 1,2-Dibromoethane	8.40	107	6166	0.891	ug/L #	82
51) Chlorobenzene	8.93	112	27615	0.985	ug/L	97
52) Ethylbenzene	9.06	91	47321	0.934	ug/L	99
53) m,p-xylene	9.18	106	17395	0.940	ug/L	96
54) o-xylene	9.59	106	17075	0.960	ug/L	99
55) Styrene	9.61	104	26679	0.900	ug/L	97
56) Isopropylbenzene	9.98	105	45129	0.935	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	8233	0.935	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	6149	0.917	ug/L	96
61) Bromoform	9.78	173	3829	0.926	ug/L	90
62) 1,3-Dichlorobenzene	11.23	146	18470	0.885	ug/L	91
63) 1,4-Dichlorobenzene	11.32	146	19334	0.948	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	17939	0.918	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	1090	0.753	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	13812	0.954	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	10943	0.968	ug/L	97
69) Naphthalene	13.56	128	16241	0.803	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	10165	0.932	ug/L	98

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

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