

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070718\
 Data File : VV006552.D
 Acq On : 07 Jul 2018 08:46
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 10:48:31 AM

Quant Time: Jul 09 02:46:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 09 02:36:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	335405	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9541	0.45	ug/L	0.00
7) Chloroethane-d5	1.59	69	7767	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	17720	0.46	ug/L	0.00
20) 2-Butanone-d5	3.98	46	22700	5.37	ug/L	0.00
24) Chloroform-d	4.41	84	18256	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8259	0.47	ug/L	0.00
32) Benzene-d6	5.10	84	34518	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11559	0.49	ug/L	0.00
41) Toluene-d8	7.36	98	29109	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3533	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	15525	4.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	8733	0.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11697	0.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	12906m	0.51	ug/L	
3) Chloromethane	1.26	50	18041	0.68	ug/L	100
5) Vinyl chloride	1.32	62	15038	0.54	ug/L	98
6) Bromomethane	1.54	94	6764	0.43	ug/L	98
8) Chloroethane	1.60	64	9372	0.53	ug/L	97
9) Trichlorofluoromethane	1.77	101	16162	0.48	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10096	0.48	ug/L	99
12) 1,1-Dichloroethene	2.15	96	10485	0.51	ug/L	91
13) Acetone	2.23	43	15677	6.08	ug/L	64
14) Carbon disulfide	2.32	76	30575	0.52	ug/L #	94
15) Methyl Acetate	2.48	43	4506	0.59	ug/L	96
16) Methylene chloride	2.54	84	13290	0.55	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	23828	0.48	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	11385	0.51	ug/L	97
19) 1,1-Dichloroethane	3.23	63	19846	0.50	ug/L	98
21) 2-Butanone	4.07	43	22877	4.91	ug/L #	64
22) cis-1,2-Dichloroethene	3.97	96	11973	0.49	ug/L	98
23) Bromochloromethane	4.30	128	4894	0.49	ug/L	92
25) Chloroform	4.43	83	19881	0.50	ug/L	100
27) 1,2-Dichloroethane	5.19	62	11301	0.50	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	15386	0.46	ug/L	98
30) Cyclohexane	4.73	56	15708	0.46	ug/L	95
31) Carbon tetrachloride	4.88	117	12532	0.45	ug/L	97
33) Benzene	5.15	78	43495	0.48	ug/L	100
34) Trichloroethene	5.96	95	11532	0.45	ug/L	97
35) Methylcyclohexane	6.18	83	17280	0.45	ug/L	98
37) 1,2-Dichloropropane	6.23	63	10790	0.49	ug/L #	96
38) Bromodichloromethane	6.56	83	12146	0.48	ug/L	94
39) cis-1,3-Dichloropropene	7.08	75	13170	0.43	ug/L	93
40) 4-Methyl-2-pentanone	7.29	43	52792	4.83	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	44912	0.47	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	9856	0.41	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	7623	0.49	ug/L	98
47) Tetrachloroethene	8.02	164	9244	0.47	ug/L	99
48) 2-Hexanone	8.20	43	36681	4.67	ug/L	98
49) Dibromochloromethane	8.30	129	7359	0.45	ug/L	89
50) 1,2-Dibromoethane	8.40	107	6676	0.48	ug/L	97
51) Chlorobenzene	8.93	112	29949	0.47	ug/L	97
52) Ethylbenzene	9.06	91	46194	0.44	ug/L	99
53) m,p-xylene	9.19	106	17193	0.43	ug/L	100
54) o-xylene	9.59	106	17092	0.43	ug/L	98
55) Styrene	9.61	104	27990	0.43	ug/L	96
56) Isopropylbenzene	9.98	105	42433	0.41	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	8751	0.58	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	6473	0.53	ug/L	98
61) Bromoform	9.78	173	3681	0.48	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	20826	0.47	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	21443	0.48	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	20482	0.49	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	971	0.52	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	16484	0.48	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	12277	0.49	ug/L	100
69) Naphthalene	13.56	128	18866	0.50	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	11317	0.48	ug/L	98

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

