

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006829.D
 Acq On : 03 Aug 2018 01:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Quant Time: Aug 03 02:00:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	227733	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89030	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82562	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	72717	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.13	63	153964	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	3.96	46	231960	60.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.28%
24) Chloroform-d	4.41	84	154547	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.00%
26) 1,2-Dichloroethane-d4	5.09	65	79637	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	296847	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.12	67	100415	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	261568	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.67	79	32452	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.14	63	163658	55.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82734	5.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	87176	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	93707	5.15 ug/L	97
3) Chloromethane	1.25	50	116890	4.44 ug/L	99
5) Vinyl chloride	1.32	62	108653	5.32 ug/L	98
6) Bromomethane	1.53	94	26630	5.23 ug/L	97
8) Chloroethane	1.60	64	68247	4.97 ug/L	98
9) Trichlorofluoromethane	1.77	101	134329	5.38 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	84695	5.39 ug/L	99
12) 1,1-Dichloroethene	2.14	96	78076	5.36 ug/L	96
13) Acetone	2.20	43	148584	55.08 ug/L	99
14) Carbon disulfide	2.32	76	226576	5.25 ug/L	98
15) Methyl Acetate	2.47	43	44321	5.46 ug/L	93
16) Methylene chloride	2.54	84	87612	5.03 ug/L	95
17) Methyl tert-butyl Ether	2.82	73	212023	5.43 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	83455	5.26 ug/L	99
19) 1,1-Dichloroethane	3.23	63	163183	5.51 ug/L	98
21) 2-Butanone	4.05	43	233046	56.53 ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	87409	5.14 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	39757	5.37	ug/L	97
25) Chloroform	4.43	83	153889	5.34	ug/L	100
27) 1,2-Dichloroethane	5.19	62	96371	5.50	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	129638	5.32	ug/L	99
30) Cyclohexane	4.72	56	120906	4.79	ug/L	98
31) Carbon tetrachloride	4.88	117	107461	5.36	ug/L	99
33) Benzene	5.15	78	334659	5.18	ug/L	100
34) Trichloroethene	5.96	95	80765	4.91	ug/L	98
35) Methylcyclohexane	6.18	83	120282	4.61	ug/L	95
37) 1,2-Dichloropropane	6.23	63	88404	5.22	ug/L #	97
38) Bromodichloromethane	6.56	83	103719	5.38	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	104053	4.76	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	511889	54.63	ug/L	99
42) Toluene	7.44	91	323796	5.10	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	85241	4.74	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	65226	5.33	ug/L	97
47) Tetrachloroethene	8.02	164	66281	5.06	ug/L	96
48) 2-Hexanone	8.20	43	367220	57.76	ug/L	99
49) Dibromochloromethane	8.30	129	67891	5.49	ug/L	99
50) 1,2-Dibromoethane	8.40	107	57861	5.55	ug/L	97
51) Chlorobenzene	8.93	112	205306	5.02	ug/L	99
52) Ethylbenzene	9.06	91	317904	4.79	ug/L	100
53) m,p-xylene	9.19	106	116926	4.75	ug/L	94
54) o-xylene	9.59	106	114697	4.61	ug/L	95
55) Styrene	9.61	104	184480	4.72	ug/L	98
56) Isopropylbenzene	9.98	105	302700	4.79	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	80280	5.42	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	57736	5.55	ug/L	98
61) Bromoform	9.78	173	34984	5.77	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	140241	4.98	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	142093	5.10	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	142131	5.15	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10904	5.68	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	104066	4.81	ug/L	95
68) 1,2,4-trichlorobenzene	13.32	180	82726	4.92	ug/L	99
69) Naphthalene	13.56	128	146214	4.99	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	84254	5.19	ug/L	97

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

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