

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV006999.D
 Acq On : 13 Aug 2018 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00585

Quant Time: Aug 14 05:31:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 11 00:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	276531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	262221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69531	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	63448	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.13	63	135407	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.97	46	245813	47.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.78%
24) Chloroform-d	4.40	84	163226	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.09	65	82275	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.10	84	297205	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	102351	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	261861	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	35243	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	139375	42.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81633	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	90867	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	126498	4.70	ug/L 98
3) Chloromethane	1.25	50	115289	4.45	ug/L 98
5) Vinyl chloride	1.32	62	121993	4.55	ug/L 100
6) Bromomethane	1.54	94	28828	4.96	ug/L 100
8) Chloroethane	1.60	64	74403	4.58	ug/L 99
9) Trichlorofluoromethane	1.77	101	159164	4.67	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	98309	4.81	ug/L 98
12) 1,1-Dichloroethene	2.14	96	90403	4.55	ug/L 87
13) Acetone	2.21	43	137419	51.99	ug/L 99
14) Carbon disulfide	2.32	76	299035	4.56	ug/L 100
15) Methyl Acetate	2.47	43	34493	4.64	ug/L 94
16) Methylene chloride	2.54	84	101028	4.22	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	212371	4.46	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	99404	4.68	ug/L 96
19) 1,1-Dichloroethane	3.23	63	205672	5.36	ug/L 98
21) 2-Butanone	4.05	43	283733	49.44	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	109678	4.55	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	46243	4.70	ug/L	94
25) Chloroform	4.43	83	194453	4.63	ug/L	99
27) 1,2-Dichloroethane	5.19	62	115888	4.42	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	166736	4.77	ug/L	99
30) Cyclohexane	4.72	56	169839	4.67	ug/L	98
31) Carbon tetrachloride	4.88	117	142281	4.85	ug/L	99
33) Benzene	5.15	78	438484	4.83	ug/L	100
34) Trichloroethene	5.96	95	103776	4.76	ug/L	96
35) Methylcyclohexane	6.18	83	167816	4.80	ug/L	99
37) 1,2-Dichloropropane	6.22	63	117593	4.73	ug/L	98
38) Bromodichloromethane	6.56	83	133781	4.73	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	139718	4.65	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	617916	46.00	ug/L	99
42) Toluene	7.43	91	440307	5.04	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	119012	4.83	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	72492	4.48	ug/L	92
47) Tetrachloroethene	8.02	164	85811	4.86	ug/L	96
48) 2-Hexanone	8.20	43	462745	48.85	ug/L	97
49) Dibromochloromethane	8.30	129	84065	4.95	ug/L	98
50) 1,2-Dibromoethane	8.40	107	65583	4.80	ug/L #	96
51) Chlorobenzene	8.93	112	268855	4.83	ug/L	99
52) Ethylbenzene	9.06	91	424429	4.87	ug/L	99
53) m,p-xylene	9.19	106	161931	4.98	ug/L	100
54) o-xylene	9.59	106	150406	4.88	ug/L	99
55) Styrene	9.61	104	263644	5.08	ug/L	98
56) Isopropylbenzene	9.98	105	404767	5.01	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	88438	4.50	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	65501	4.71	ug/L	99
61) Bromoform	9.78	173	44511	4.82	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	188673	4.79	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	194360	4.81	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	184300	4.75	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11596	4.21	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	145809	4.89	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	105772	4.83	ug/L	98
69) Naphthalene	13.56	128	129975	4.13	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	100064	4.74	ug/L	99

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

