

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006971.D
 Acq On : 10 Aug 2018 00:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

Quant Time: Aug 10 02:37:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244612	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236959	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75336	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	66083	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	144474	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.60%
20) 2-Butanone-d5	3.97	46	268353	59.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	4.41	84	168227	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.09	65	88050	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	312916	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	107107	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	274016	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.67	79	35685	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	169839	57.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88230	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	94831	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	124306	5.22	ug/L 99
3) Chloromethane	1.25	50	104626	4.56	ug/L 97
5) Vinyl chloride	1.32	62	117816	4.97	ug/L 93
6) Bromomethane	1.54	94	17080	3.32	ug/L 97
8) Chloroethane	1.60	64	72827	5.07	ug/L 90
9) Trichlorofluoromethane	1.77	101	155337	5.15	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93647	5.18	ug/L 99
12) 1,1-Dichloroethene	2.14	96	87817	5.00	ug/L 88
13) Acetone	2.21	43	141007	60.31	ug/L 100
14) Carbon disulfide	2.32	76	294248	5.07	ug/L 99
15) Methyl Acetate	2.47	43	37206	5.65	ug/L 94
16) Methylene chloride	2.54	84	99871	4.72	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	223027	5.30	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	96292	5.12	ug/L 97
19) 1,1-Dichloroethane	3.23	63	182603	5.38	ug/L 98
21) 2-Butanone	4.05	43	306537	60.38	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	124277	5.82	ug/L 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006971.D
 Acq On : 10 Aug 2018 00:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00582

Quant Time: Aug 10 02:37:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46879	5.39	ug/L	93
25) Chloroform	4.43	83	191141	5.14	ug/L	100
27) 1,2-Dichloroethane	5.19	62	121516	5.24	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	160064	5.07	ug/L	100
30) Cyclohexane	4.73	56	163943	4.99	ug/L	100
31) Carbon tetrachloride	4.88	117	134295	5.07	ug/L	98
33) Benzene	5.15	78	430854	5.25	ug/L	100
34) Trichloroethene	5.96	95	100859	5.12	ug/L	94
35) Methylcyclohexane	6.18	83	158496	5.02	ug/L	99
37) 1,2-Dichloropropane	6.23	63	115366	5.13	ug/L	100
38) Bromodichloromethane	6.56	83	130897	5.13	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	131655	4.85	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	690410	56.88	ug/L	99
42) Toluene	7.44	91	427170	5.42	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	111245	4.99	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	77364	5.29	ug/L	95
47) Tetrachloroethene	8.02	164	81591	5.11	ug/L	98
48) 2-Hexanone	8.20	43	510943	59.68	ug/L	100
49) Dibromochloromethane	8.30	129	84812	5.53	ug/L	100
50) 1,2-Dibromoethane	8.40	107	67264	5.45	ug/L #	98
51) Chlorobenzene	8.93	112	261835	5.21	ug/L	100
52) Ethylbenzene	9.06	91	411479	5.22	ug/L	99
53) m,p-xylene	9.19	106	154520	5.26	ug/L	100
54) o-xylene	9.59	106	145651	5.23	ug/L	100
55) Styrene	9.61	104	252994	5.39	ug/L	99
56) Isopropylbenzene	9.98	105	378856	5.19	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	96522	5.43	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	68607	5.45	ug/L	97
61) Bromoform	9.78	173	44868	5.44	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	181692	5.15	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	187981	5.20	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	184090	5.31	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12939	5.25	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	138120	5.18	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	105132	5.37	ug/L	99
69) Naphthalene	13.56	128	150417	5.35	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	102223	5.41	ug/L	99

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

