

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006851.D
 Acq On : 03 Aug 2018 12:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00578

Quant Time: Aug 03 12:45:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	231885	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77182	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	72761	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	158821	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.60%
20) 2-Butanone-d5	3.95	46	222974	57.24	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.48%
24) Chloroform-d	4.40	84	161928	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.20%
26) 1,2-Dichloroethane-d4	5.09	65	81248	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.10	84	298950	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	102999	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	264924	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	33694	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.14	63	152620	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81277	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	89258	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	106618	5.76 ug/L	99
3) Chloromethane	1.25	50	125719	4.69 ug/L	99
5) Vinyl chloride	1.32	62	117488	5.65 ug/L	100
6) Bromomethane	1.53	94	23692	4.57 ug/L	94
8) Chloroethane	1.60	64	77533	5.55 ug/L	96
9) Trichlorofluoromethane	1.77	101	148863	5.85 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	93847	5.87 ug/L	98
12) 1,1-Dichloroethene	2.14	96	85018	5.74 ug/L	96
13) Acetone	2.19	43	157480	57.33 ug/L	100
14) Carbon disulfide	2.32	76	251005	5.71 ug/L	98
15) Methyl Acetate	2.46	43	46386	5.61 ug/L	95
16) Methylene chloride	2.54	84	100998	5.70 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	222076	5.59 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	92603	5.74 ug/L	98
19) 1,1-Dichloroethane	3.23	63	173772	5.76 ug/L	96
21) 2-Butanone	4.04	43	236521	56.34 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	95411	5.50 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	41677	5.53	ug/L	95
25) Chloroform	4.43	83	171841	5.86	ug/L	95
27) 1,2-Dichloroethane	5.19	62	100755	5.65	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	144410	5.63	ug/L	99
30) Cyclohexane	4.72	56	129140	4.86	ug/L	99
31) Carbon tetrachloride	4.87	117	119287	5.65	ug/L	99
33) Benzene	5.15	78	363645	5.35	ug/L	100
34) Trichloroethene	5.96	95	88809	5.13	ug/L	96
35) Methylcyclohexane	6.18	83	127978	4.66	ug/L	95
37) 1,2-Dichloropropane	6.23	63	97852	5.49	ug/L	99
38) Bromodichloromethane	6.56	83	113113	5.58	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	114896	4.99	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	499650	50.66	ug/L	99
42) Toluene	7.43	91	359444	5.38	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	96061	5.07	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	67825	5.26	ug/L	96
47) Tetrachloroethene	8.02	164	75232	5.46	ug/L	96
48) 2-Hexanone	8.19	43	347654	51.95	ug/L	99
49) Dibromochloromethane	8.30	129	71560	5.49	ug/L	99
50) 1,2-Dibromoethane	8.40	107	59017	5.37	ug/L #	99
51) Chlorobenzene	8.93	112	223839	5.20	ug/L	98
52) Ethylbenzene	9.06	91	347205	4.97	ug/L	100
53) m,p-xylene	9.19	106	127528	4.92	ug/L	93
54) o-xylene	9.59	106	126019	4.82	ug/L	96
55) Styrene	9.61	104	201539	4.90	ug/L	97
56) Isopropylbenzene	9.98	105	329359	4.95	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	84962	5.45	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	59362	5.42	ug/L	98
61) Bromoform	9.78	173	36555	5.55	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	157651	5.15	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	153435	5.07	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	155572	5.18	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11093	5.31	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	118446	5.03	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	84391	4.62	ug/L	97
69) Naphthalene	13.56	128	123074	3.86	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	81095	4.60	ug/L	98

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

