

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007066.D
 Acq On : 20 Aug 2018 11:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Quant Time: Aug 21 03:55:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 18 03:36:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	332650	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	319088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	148593	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80398	3.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.80%
7) Chloroethane-d5	1.58	69	75100	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	165620	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.97	46	253025	40.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.94%
24) Chloroform-d	4.40	84	193124	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.09	65	93746	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.10	84	365100	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.12	67	121758	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.36	98	326324	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.67	79	41301	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	135066	33.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92251	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	108625	4.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	135026	4.17	ug/L	100
3) Chloromethane	1.25	50	140226	4.50	ug/L	99
5) Vinyl chloride	1.32	62	133344	4.14	ug/L	98
6) Bromomethane	1.54	94	42015	6.01	ug/L	99
8) Chloroethane	1.60	64	82454	4.22	ug/L	97
9) Trichlorofluoromethane	1.77	101	181171	4.42	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	111096	4.52	ug/L	98
12) 1,1-Dichloroethene	2.14	96	102267	4.28	ug/L	86
13) Acetone	2.21	43	153044	48.13	ug/L	98
14) Carbon disulfide	2.32	76	312187	3.96	ug/L	99
15) Methyl Acetate	2.47	43	37960	4.24	ug/L	97
16) Methylene chloride	2.54	84	118393	4.11	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	242767	4.24	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	112343	4.39	ug/L	99
19) 1,1-Dichloroethane	3.23	63	231603	5.02	ug/L	97
21) 2-Butanone	4.05	43	309168	44.78	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	124779	4.30	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	54372	4.60	ug/L	92
25) Chloroform	4.43	83	227586	4.50	ug/L	100
27) 1,2-Dichloroethane	5.19	62	132398	4.20	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	190924	4.49	ug/L	99
30) Cyclohexane	4.72	56	179396	4.05	ug/L	98
31) Carbon tetrachloride	4.87	117	164975	4.62	ug/L	100
33) Benzene	5.15	78	498067	4.51	ug/L	100
34) Trichloroethene	5.96	95	118402	4.47	ug/L	91
35) Methylcyclohexane	6.18	83	185602	4.36	ug/L	97
37) 1,2-Dichloropropane	6.22	63	129359	4.28	ug/L	99
38) Bromodichloromethane	6.56	83	154653	4.50	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	161706	4.42	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	687312	42.05	ug/L	98
42) Toluene	7.43	91	503490	4.74	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	135023	4.50	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	86900	4.41	ug/L	95
47) Tetrachloroethene	8.02	164	98863	4.60	ug/L	97
48) 2-Hexanone	8.20	43	506177	43.91	ug/L	95
49) Dibromochloromethane	8.30	129	100068	4.85	ug/L	99
50) 1,2-Dibromoethane	8.40	107	75177	4.52	ug/L #	96
51) Chlorobenzene	8.93	112	312261	4.61	ug/L	99
52) Ethylbenzene	9.06	91	484406	4.57	ug/L	100
53) m,p-xylene	9.19	106	185548	4.69	ug/L	100
54) o-xylene	9.59	106	173771	4.64	ug/L	99
55) Styrene	9.61	104	301367	4.77	ug/L	98
56) Isopropylbenzene	9.98	105	461883	4.70	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	104966	4.39	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	75884	4.48	ug/L	100
61) Bromoform	9.78	173	52822	4.69	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	221604	4.61	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	230921	4.69	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	222130	4.70	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12391	3.69	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	170730	4.69	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	117927	4.42	ug/L	99
69) Naphthalene	13.56	128	141643	3.69	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	110326	4.29	ug/L	98

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

