

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081718\
 Data File : VV007045.D
 Acq On : 17 Aug 2018 10:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Quant Time: Aug 18 02:47:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 17 01:13:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	246988	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	241665	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108916	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67565	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.59	69	58656	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	132373	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.98	46	187594	40.92	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.84%
24) Chloroform-d	4.40	84	142446	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	70376	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
32) Benzene-d6	5.10	84	279310	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.12	67	90802	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.36	98	249103	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.67	79	29926	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	103825	34.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66691	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	82311	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	106320	4.42 ug/L	100
3) Chloromethane	1.25	50	105955	4.58 ug/L	98
5) Vinyl chloride	1.32	62	105452	4.41 ug/L	97
6) Bromomethane	1.54	94	32604	6.28 ug/L	96
8) Chloroethane	1.60	64	62625	4.31 ug/L	98
9) Trichlorofluoromethane	1.77	101	139204	4.57 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87921	4.81 ug/L	98
12) 1,1-Dichloroethene	2.14	96	78415	4.42 ug/L	97
13) Acetone	2.22	43	118840	50.34 ug/L	97
14) Carbon disulfide	2.32	76	241372	4.12 ug/L	99
15) Methyl Acetate	2.47	43	30775	4.63 ug/L	96
16) Methylene chloride	2.54	84	84576	3.95 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	191666	4.51 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	86713	4.57 ug/L	100
19) 1,1-Dichloroethane	3.23	63	150177	4.38 ug/L	98
21) 2-Butanone	4.06	43	240522	46.92 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	93748	4.35 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	41586	4.73	ug/L	88
25) Chloroform	4.43	83	172610	4.60	ug/L	97
27) 1,2-Dichloroethane	5.19	62	101702	4.35	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	143246	4.45	ug/L	98
30) Cyclohexane	4.72	56	136592	4.07	ug/L	99
31) Carbon tetrachloride	4.87	117	124668	4.61	ug/L	99
33) Benzene	5.15	78	380542	4.55	ug/L	100
34) Trichloroethene	5.96	95	90041	4.49	ug/L	94
35) Methylcyclohexane	6.18	83	139439	4.33	ug/L	99
37) 1,2-Dichloropropane	6.23	63	100509	4.39	ug/L	100
38) Bromodichloromethane	6.56	83	117639	4.52	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	119449	4.31	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	535662	43.27	ug/L	98
42) Toluene	7.43	91	381726	4.74	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	102799	4.52	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	67466	4.53	ug/L	96
47) Tetrachloroethene	8.02	164	76558	4.70	ug/L	96
48) 2-Hexanone	8.20	43	406428	46.55	ug/L	97
49) Dibromochloromethane	8.30	129	73506	4.70	ug/L	97
50) 1,2-Dibromoethane	8.40	107	58720	4.66	ug/L	96
51) Chlorobenzene	8.93	112	236123	4.60	ug/L	98
52) Ethylbenzene	9.06	91	364222	4.53	ug/L	99
53) m,p-xylene	9.19	106	136910	4.57	ug/L	96
54) o-xylene	9.59	106	127726	4.50	ug/L	97
55) Styrene	9.61	104	224814	4.70	ug/L	97
56) Isopropylbenzene	9.98	105	346666	4.66	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	81633	4.51	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	58233	4.54	ug/L	100
61) Bromoform	9.78	173	40078	4.86	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	165775	4.70	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	170778	4.73	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	165588	4.78	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10059	4.09	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	129955	4.87	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	88537	4.52	ug/L	99
69) Naphthalene	13.56	128	112938	4.02	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	86416	4.58	ug/L	99

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

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