

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006654.D
 Acq On : 19 Jul 2018 20:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Jul 20 05:11:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 05:09:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252289	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231293	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112738	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88668	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.57	69	65411	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	172677	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	3.95	46	150201	39.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.12%
24) Chloroform-d	4.41	84	155515	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.09	65	70351	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	324149	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	98887	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	305626	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.67	79	32016	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	153293	46.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71032	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	103884	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	125778	5.24 ug/L	# 85
3) Chloromethane	1.26	50	95640	4.71 ug/L	98
5) Vinyl chloride	1.32	62	133969	5.11 ug/L	# 36
6) Bromomethane	1.52	94	11921	1.60 ug/L	97
8) Chloroethane	1.59	64	83491	5.55 ug/L	92
9) Trichlorofluoromethane	1.76	101	164202	5.22 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	102028	5.18 ug/L	99
12) 1,1-Dichloroethene	2.14	96	97080	5.20 ug/L	96
13) Acetone	2.19	43	137787	46.72 ug/L	99
14) Carbon disulfide	2.32	76	324979	5.37 ug/L	99
15) Methyl Acetate	2.46	43	42114	4.87 ug/L	99
16) Methylene chloride	2.54	84	105870	4.51 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	230501	5.00 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	105647	5.13 ug/L	98
19) 1,1-Dichloroethane	3.23	63	196302	5.40 ug/L	99
21) 2-Butanone	4.04	43	239455	48.48 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	111703	5.18 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45463	5.18	ug/L	98
25) Chloroform	4.43	83	183511	5.24	ug/L	98
27) 1,2-Dichloroethane	5.19	62	104918	5.13	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	152512	5.28	ug/L	99
30) Cyclohexane	4.72	56	168760	5.22	ug/L	100
31) Carbon tetrachloride	4.88	117	126081	5.10	ug/L	98
33) Benzene	5.15	78	426669	5.24	ug/L	100
34) Trichloroethene	5.96	95	104903	5.10	ug/L	99
35) Methylcyclohexane	6.18	83	179914	5.24	ug/L	99
37) 1,2-Dichloropropane	6.23	63	108134	5.21	ug/L	100
38) Bromodichloromethane	6.56	83	121560	5.27	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	135448	4.96	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	555926	49.55	ug/L	99
42) Toluene	7.44	91	443621	5.28	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	103129	4.86	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	70904	5.08	ug/L	99
47) Tetrachloroethene	8.02	164	86268	5.22	ug/L	97
48) 2-Hexanone	8.19	43	385671	49.17	ug/L	99
49) Dibromochloromethane	8.30	129	76618	5.18	ug/L	99
50) 1,2-Dibromoethane	8.40	107	63590	5.07	ug/L	99
51) Chlorobenzene	8.93	112	285783	5.23	ug/L	99
52) Ethylbenzene	9.06	91	482724	5.35	ug/L	100
53) m,p-xylene	9.19	106	186482	5.43	ug/L	99
54) o-xylene	9.59	106	180005	5.38	ug/L	98
55) Styrene	9.61	104	308284	5.50	ug/L	99
56) Isopropylbenzene	9.98	105	472045	5.37	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	86980	5.19	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	60598	4.95	ug/L	98
61) Bromoform	9.78	173	38161	4.90	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	212327	5.17	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	215689	5.17	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	205540	5.22	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11365	4.86	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	168137	5.30	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	131510	5.22	ug/L	100
69) Naphthalene	13.56	128	220093	5.05	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	123585	5.21	ug/L	99

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

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