

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011672.D
 Acq On : 21 Jun 2019 04:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Jun 21 04:36:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 04:33:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159641	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50522	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	33697	4.52	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	110829	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	3.95	46	173922	62.31	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.62%
24) Chloroform-d	4.40	84	92823	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	63701	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.09	84	218596	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	68376	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	201416	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.66	79	22647	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.13	63	131885	61.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52334	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	69233	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	86150	5.188	ug/L 100
3) Chloromethane	1.25	50	72637	4.821	ug/L 99
5) Vinyl chloride	1.32	62	75939	5.144	ug/L 92
6) Bromomethane	1.53	94	22795	3.542	ug/L 97
8) Chloroethane	1.59	64	35398	4.589	ug/L 95
9) Trichlorofluoromethane	1.76	101	100969	5.286	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	54711	5.055	ug/L 99
12) 1,1-Dichloroethene	2.13	96	53298	5.395	ug/L 98
13) Acetone	2.21	43	111022	55.065	ug/L 99
14) Carbon disulfide	2.31	76	131230	4.935	ug/L 99
15) Methyl Acetate	2.46	43	28093	5.596	ug/L 96
16) Methylene chloride	2.53	84	55409	5.033	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	151548	5.608	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	61240	5.272	ug/L 98
19) 1,1-Dichloroethane	3.23	63	121823	5.276	ug/L 98
21) 2-Butanone	4.04	43	194759	59.956	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	64790	5.076	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25564	5.315	ug/L	99
25) Chloroform	4.42	83	142839	5.635	ug/L	96
27) 1,2-Dichloroethane	5.18	62	84786	5.520	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	99841	5.061	ug/L	98
30) Cyclohexane	4.72	56	111102	4.930	ug/L	99
31) Carbon tetrachloride	4.87	117	84227	5.050	ug/L	99
33) Benzene	5.14	78	262627	5.170	ug/L	100
34) Trichloroethene	5.96	95	66865	4.964	ug/L	97
35) Methylcyclohexane	6.17	83	104114	4.787	ug/L	98
37) 1,2-Dichloropropane	6.22	63	66233	5.135	ug/L	100
38) Bromodichloromethane	6.55	83	76112	5.175	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	82250	4.859	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	483032	59.704	ug/L	99
42) Toluene	7.43	91	280739	5.289	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	62691	5.001	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	44124	5.389	ug/L	97
47) Tetrachloroethene	8.02	164	49297	4.914	ug/L	96
48) 2-Hexanone	8.19	43	342597	60.226	ug/L	99
49) Dibromochloromethane	8.29	129	44877	5.454	ug/L	96
50) 1,2-Dibromoethane	8.40	107	41717	5.581	ug/L	98
51) Chlorobenzene	8.92	112	167322	5.084	ug/L	99
52) Ethylbenzene	9.05	91	300122	5.123	ug/L	98
53) m,p-xylene	9.18	106	112907	5.248	ug/L	99
54) o-xylene	9.59	106	108753	5.170	ug/L	97
55) Styrene	9.60	104	181073	5.402	ug/L	99
56) Isopropylbenzene	9.97	105	287628	5.104	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	55977	5.750	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	41216	5.499	ug/L	99
61) Bromoform	9.77	173	20683	5.329	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	119998	5.147	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	120375	4.998	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	118642	5.343	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7505	5.901	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	84029	4.847	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	65762	4.895	ug/L	99
69) Naphthalene	13.55	128	112811	5.136	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	64372	5.154	ug/L	99

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

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