

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072519\
 Data File : VV012024.D
 Acq On : 25 Jul 2019 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00549

Quant Time: Jul 26 02:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 25 04:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133157	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127205	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	65904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32189	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	27011	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	69483	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.97	46	109902	54.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	4.40	84	90296	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	50931	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	181351	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	51964	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	169729	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	21414	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.14	63	90655	54.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38709	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	67767	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	71071	5.164	ug/L 100
3) Chloromethane	1.25	50	39161	4.904	ug/L 95
5) Vinyl chloride	1.32	62	40972	5.010	ug/L 97
6) Bromomethane	1.54	94	26102	5.427	ug/L 99
8) Chloroethane	1.60	64	23770	4.914	ug/L 95
9) Trichlorofluoromethane	1.77	101	81057	5.378	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35695	5.268	ug/L 98
12) 1,1-Dichloroethene	2.14	96	32117	5.300	ug/L 86
13) Acetone	2.23	43	52785	48.406	ug/L 69
14) Carbon disulfide	2.32	76	83330	4.824	ug/L 100
15) Methyl Acetate	2.47	43	10278	4.317	ug/L 96
16) Methylene chloride	2.53	84	32707	4.813	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	107432	5.195	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	47366	5.019	ug/L 98
19) 1,1-Dichloroethane	3.23	63	85593	5.135	ug/L 97
21) 2-Butanone	4.05	43	106619	50.968	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	49617	4.892	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22219	5.328	ug/L	95
25) Chloroform	4.42	83	103569	5.145	ug/L	98
27) 1,2-Dichloroethane	5.18	62	59124	5.282	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	87144	5.352	ug/L	99
30) Cyclohexane	4.72	56	73823	4.800	ug/L	99
31) Carbon tetrachloride	4.87	117	77971	5.320	ug/L	96
33) Benzene	5.14	78	193467	5.170	ug/L	100
34) Trichloroethene	5.96	95	54050	5.201	ug/L	99
35) Methylcyclohexane	6.17	83	81121	5.016	ug/L	98
37) 1,2-Dichloropropane	6.22	63	44688	4.968	ug/L	100
38) Bromodichloromethane	6.55	83	61146	5.087	ug/L	94
39) cis-1,3-Dichloropropene	7.07	75	68609	5.146	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	261037	51.935	ug/L	100
42) Toluene	7.43	91	211096	5.256	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	55712	5.253	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	32295	5.198	ug/L	99
47) Tetrachloroethene	8.02	164	47647	5.314	ug/L	98
48) 2-Hexanone	8.19	43	188372	53.425	ug/L	99
49) Dibromochloromethane	8.29	129	40952	5.383	ug/L	97
50) 1,2-Dibromoethane	8.40	107	30656	5.226	ug/L #	99
51) Chlorobenzene	8.92	112	136966	5.208	ug/L	98
52) Ethylbenzene	9.05	91	236551	5.160	ug/L	100
53) m,p-xylene	9.18	106	93357	5.350	ug/L	100
54) o-xylene	9.59	106	88101	5.325	ug/L	98
55) Styrene	9.60	104	149156	5.349	ug/L	98
56) Isopropylbenzene	9.97	105	247162	5.349	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	35564	5.281	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	27255	5.194	ug/L	98
61) Bromoform	9.77	173	22603	5.587	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	112015	5.196	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	117316	5.287	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	105306	5.306	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6053	5.250	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	93055	5.161	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	76152	5.201	ug/L	99
69) Naphthalene	13.55	128	102760	4.655	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	68202	5.135	ug/L	99

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

