

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011674.D
 Acq On : 21 Jun 2019 10:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Jun 22 04:10:56 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	174725	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	75361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55164	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	40621	4.98	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.12	63	121732	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.96	46	166024	54.35	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.70%
24) Chloroform-d	4.40	84	107482	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.08	65	65433	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.09	84	233412	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	71978	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	215904	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	25881	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.14	63	125156	54.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52458	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	72043	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	101112	5.563	ug/L 98
3) Chloromethane	1.25	50	85123	5.162	ug/L 98
5) Vinyl chloride	1.32	62	87095	5.391	ug/L 99
6) Bromomethane	1.53	94	31516	4.475	ug/L 99
8) Chloroethane	1.60	64	47575	5.635	ug/L 98
9) Trichlorofluoromethane	1.76	101	114876	5.495	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	66456	5.610	ug/L 97
12) 1,1-Dichloroethene	2.13	96	61021	5.643	ug/L 93
13) Acetone	2.22	43	117297	53.155	ug/L 99
14) Carbon disulfide	2.31	76	157894	5.425	ug/L 99
15) Methyl Acetate	2.47	43	28684	5.220	ug/L 95
16) Methylene chloride	2.53	84	63913	5.304	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	165753	5.604	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	70996	5.584	ug/L 98
19) 1,1-Dichloroethane	3.22	63	140303	5.552	ug/L 97
21) 2-Butanone	4.04	43	201256	56.607	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	76221	5.456	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	28006	5.320	ug/L	99
25) Chloroform	4.42	83	155781	5.615	ug/L	95
27) 1,2-Dichloroethane	5.18	62	91462	5.440	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	118399	5.661	ug/L	99
30) Cyclohexane	4.72	56	131953	5.524	ug/L	99
31) Carbon tetrachloride	4.87	117	100856	5.705	ug/L	99
33) Benzene	5.14	78	306868	5.699	ug/L	100
34) Trichloroethene	5.96	95	77883	5.454	ug/L	98
35) Methylcyclohexane	6.17	83	132414	5.744	ug/L	97
37) 1,2-Dichloropropane	6.22	63	75838	5.547	ug/L	99
38) Bromodichloromethane	6.55	83	87084	5.585	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	102685	5.723	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	494000	57.602	ug/L	100
42) Toluene	7.43	91	323212	5.744	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	77740	5.850	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	50030	5.765	ug/L	92
47) Tetrachloroethene	8.02	164	60767	5.714	ug/L	96
48) 2-Hexanone	8.19	43	349774	58.006	ug/L	99
49) Dibromochloromethane	8.29	129	51852	5.945	ug/L	98
50) 1,2-Dibromoethane	8.40	107	44671	5.637	ug/L #	99
51) Chlorobenzene	8.92	112	195646	5.608	ug/L	98
52) Ethylbenzene	9.05	91	355032	5.717	ug/L	99
53) m,p-xylene	9.18	106	133593	5.857	ug/L	100
54) o-xylene	9.59	106	129920	5.827	ug/L	97
55) Styrene	9.60	104	209938	5.908	ug/L	98
56) Isopropylbenzene	9.97	105	346244	5.796	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	57772	5.599	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	42667	5.370	ug/L	98
61) Bromoform	9.78	173	23395	5.528	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	144957	5.702	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	143143	5.451	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	135529	5.598	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7280	5.250	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	109199	5.777	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	82774	5.650	ug/L	98
69) Naphthalene	13.55	128	131447	5.488	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	76501	5.618	ug/L	98

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

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