

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073019\
 Data File : VV012067.D
 Acq On : 30 Jul 2019 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00554

Quant Time: Jul 31 02:10:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 30 08:46:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140008	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135018	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	74026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37595	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.59	69	28520	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	72774	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.40%
20) 2-Butanone-d5	3.96	46	96600	53.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.36%
24) Chloroform-d	4.40	84	90269	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.08	65	47817	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	183614	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	50783	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.36	98	174061	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	7.66	79	21333	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.14	63	76255	51.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.70%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	36623	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
66) 1,2-Dichlorobenzene-d4	11.67	152	68657	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	80063	5.018	ug/L 100
3) Chloromethane	1.25	50	43477	4.760	ug/L 99
5) Vinyl chloride	1.32	62	44872	4.802	ug/L 97
6) Bromomethane	1.54	94	27591	4.940	ug/L 96
8) Chloroethane	1.60	64	25437	5.009	ug/L 95
9) Trichlorofluoromethane	1.77	101	81754	5.115	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36020	5.187	ug/L 98
12) 1,1-Dichloroethene	2.14	96	32332	5.027	ug/L 98
13) Acetone	2.23	43	49448	49.928	ug/L 97
14) Carbon disulfide	2.32	76	91431	5.091	ug/L 99
15) Methyl Acetate	2.47	43	9918	4.873	ug/L 99
16) Methylene chloride	2.53	84	31014	4.702	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	104133	5.149	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	47824	5.160	ug/L 99
19) 1,1-Dichloroethane	3.23	63	88796	5.358	ug/L 99
21) 2-Butanone	4.06	43	105608	54.044	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	51642	5.233	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22578	5.216	ug/L	95
25) Chloroform	4.43	83	104148	5.011	ug/L	98
27) 1,2-Dichloroethane	5.18	62	58808	5.128	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	89112	5.339	ug/L	100
30) Cyclohexane	4.72	56	76045	5.327	ug/L	98
31) Carbon tetrachloride	4.87	117	81707	5.441	ug/L	98
33) Benzene	5.14	78	197356	5.381	ug/L	100
34) Trichloroethene	5.96	95	55323	5.289	ug/L	99
35) Methylcyclohexane	6.17	83	85552	5.220	ug/L	98
37) 1,2-Dichloropropane	6.22	63	44361	5.228	ug/L	98
38) Bromodichloromethane	6.56	83	62904	5.251	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	70006	5.262	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	253122	52.884	ug/L	98
42) Toluene	7.43	91	218586	5.360	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	56261	5.230	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	32815	5.071	ug/L	97
47) Tetrachloroethene	8.02	164	48726	5.331	ug/L	98
48) 2-Hexanone	8.19	43	175739	51.952	ug/L	99
49) Dibromochloromethane	8.29	129	42071	5.303	ug/L	98
50) 1,2-Dibromoethane	8.40	107	30758	5.085	ug/L	99
51) Chlorobenzene	8.92	112	137923	5.059	ug/L	98
52) Ethylbenzene	9.05	91	242295	5.207	ug/L	98
53) m,p-xylene	9.18	106	94717	5.347	ug/L	98
54) o-xylene	9.59	106	88196	5.261	ug/L	96
55) Styrene	9.60	104	153371	5.430	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.29	83	35936	5.174	ug/L	97
59) Bromoform	9.77	173	22164	4.953	ug/L	99
60) Isopropylbenzene	9.97	105	245768	5.197	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	26778	4.963	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	210087	5.380	ug/L	98
63) 1,2,4-Trimethylbenzene	10.96	105	210583	5.427	ug/L	99
64) 1,3-Dichlorobenzene	11.23	146	120074	5.095	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	119673	4.983	ug/L	96
67) 1,2-Dichlorobenzene	11.69	146	108797	5.080	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.47	75	5751	5.170	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	97259	4.992	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	76576	4.966	ug/L	99
71) Naphthalene	13.55	128	100621	4.703	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	68513	5.013	ug/L	98

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

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