

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073019\
 Data File : VV012072.D
 Acq On : 30 Jul 2019 15:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jul 31 09:26:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 09:22:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138930	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131630	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	73339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30262	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.59	69	23258	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.14	63	65766	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	3.97	46	85272	47.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.50%
24) Chloroform-d	4.40	84	79869	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	44450	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	159516	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	44224	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	151693	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.67	79	20714	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.14	63	66959	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	32091	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
66) 1,2-Dichlorobenzene-d4	11.67	152	61634	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	80267	5.070	ug/L	98
3) Chloromethane	1.25	50	38327	4.228	ug/L	98
5) Vinyl chloride	1.32	62	39807	4.293	ug/L	96
6) Bromomethane	1.54	94	26212	4.730	ug/L	95
8) Chloroethane	1.60	64	23011	4.567	ug/L	97
9) Trichlorofluoromethane	1.77	101	82842	5.223	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35307	5.124	ug/L	96
12) 1,1-Dichloroethene	2.14	96	31822	4.986	ug/L	96
13) Acetone	2.23	43	49230	50.094	ug/L	97
14) Carbon disulfide	2.32	76	87710	4.922	ug/L	98
15) Methyl Acetate	2.47	43	9273	4.591	ug/L	97
16) Methylene chloride	2.54	84	31314	4.784	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	104755	5.220	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	45491	4.947	ug/L	93
19) 1,1-Dichloroethane	3.23	63	83088	5.052	ug/L	97
21) 2-Butanone	4.05	43	96724	49.882	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	49416	5.046	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22693	5.283	ug/L	93
25) Chloroform	4.43	83	100776	4.887	ug/L	98
27) 1,2-Dichloroethane	5.18	62	60201	5.290	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	90501	5.562	ug/L	99
30) Cyclohexane	4.73	56	70724	5.081	ug/L	97
31) Carbon tetrachloride	4.87	117	82641	5.644	ug/L	99
33) Benzene	5.15	78	187814	5.253	ug/L	100
34) Trichloroethene	5.96	95	52641	5.162	ug/L	99
35) Methylcyclohexane	6.18	83	81526	5.103	ug/L	99
37) 1,2-Dichloropropane	6.22	63	43212	5.224	ug/L	97
38) Bromodichloromethane	6.56	83	62473	5.349	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	68341	5.269	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	242218	51.909	ug/L	99
42) Toluene	7.43	91	209729	5.275	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	55706	5.312	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	32098	5.088	ug/L	96
47) Tetrachloroethene	8.02	164	48599	5.454	ug/L	98
48) 2-Hexanone	8.19	43	170332	51.650	ug/L	99
49) Dibromochloromethane	8.29	129	42887	5.545	ug/L	98
50) 1,2-Dibromoethane	8.40	107	31109	5.276	ug/L	98
51) Chlorobenzene	8.93	112	137068	5.157	ug/L	98
52) Ethylbenzene	9.05	91	237922	5.245	ug/L	100
53) m,p-xylene	9.18	106	93204	5.397	ug/L	99
54) o-xylene	9.59	106	87903	5.378	ug/L	97
55) Styrene	9.60	104	150194	5.454	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.29	83	35044	5.176	ug/L #	96
59) Bromoform	9.77	173	23915	5.394	ug/L	98
60) Isopropylbenzene	9.97	105	242324	5.172	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	26229	4.907	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	210396	5.438	ug/L	98
63) 1,2,4-Trimethylbenzene	10.96	105	208644	5.428	ug/L	98
64) 1,3-Dichlorobenzene	11.22	146	119404	5.114	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	121109	5.090	ug/L	99
67) 1,2-Dichlorobenzene	11.69	146	108047	5.092	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.48	75	5909	5.361	ug/L	91
69) 1,3,5-Trichlorobenzene	12.69	180	98428	5.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	77808	5.094	ug/L	99
71) Naphthalene	13.55	128	107302	5.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	71273	5.264	ug/L	97

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

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