

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071219\
 Data File : VV011881.D
 Acq On : 12 Jul 2019 21:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00559

Quant Time: Jul 13 04:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 13 04:20:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80033	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61807	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	48801	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.13	63	100932	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	3.95	46	164130	62.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.50%
24) Chloroform-d	4.40	84	119808	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	65149	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.10	84	234201	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	71349	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	218879	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	26742	5.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.20%
46) 2-Hexanone-d5	8.13	63	123334	61.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50015	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	77095	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	79493	4.832	ug/L 99
3) Chloromethane	1.25	50	78772	4.860	ug/L 99
5) Vinyl chloride	1.32	62	77479	4.906	ug/L 98
6) Bromomethane	1.54	94	37897	4.207	ug/L 98
8) Chloroethane	1.60	64	43457	4.626	ug/L 98
9) Trichlorofluoromethane	1.77	101	103780	5.036	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	47930	4.924	ug/L 97
12) 1,1-Dichloroethene	2.14	96	44534	4.986	ug/L 94
13) Acetone	2.20	43	81065	50.147	ug/L 98
14) Carbon disulfide	2.32	76	120380	5.011	ug/L 99
15) Methyl Acetate	2.46	43	19939	5.188	ug/L 93
16) Methylene chloride	2.53	84	47143	4.983	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	142606	5.527	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	59491	5.013	ug/L 92
19) 1,1-Dichloroethane	3.23	63	117788	5.256	ug/L 96
21) 2-Butanone	4.03	43	175593	59.878	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	64549	5.078	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26748	4.978	ug/L	93
25) Chloroform	4.43	83	122285	4.947	ug/L	99
27) 1,2-Dichloroethane	5.18	62	78190	5.496	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	100031	4.849	ug/L	98
30) Cyclohexane	4.73	56	105279	4.971	ug/L	96
31) Carbon tetrachloride	4.88	117	85283	4.835	ug/L	99
33) Benzene	5.15	78	255228	5.009	ug/L	100
34) Trichloroethene	5.96	95	68826	4.735	ug/L	95
35) Methylcyclohexane	6.18	83	103954	4.871	ug/L	97
37) 1,2-Dichloropropane	6.22	63	63083	4.946	ug/L	97
38) Bromodichloromethane	6.56	83	77001	4.990	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	85809	4.910	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	436312	57.548	ug/L	99
42) Toluene	7.43	91	271031	5.067	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	68075	5.027	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	43642	5.111	ug/L	96
47) Tetrachloroethene	8.02	164	51292	4.791	ug/L	97
48) 2-Hexanone	8.19	43	318651	58.509	ug/L	99
49) Dibromochloromethane	8.29	129	47173	5.023	ug/L	100
50) 1,2-Dibromoethane	8.40	107	40368	5.121	ug/L	98
51) Chlorobenzene	8.92	112	170854	4.938	ug/L	99
52) Ethylbenzene	9.05	91	296278	5.013	ug/L	98
53) m,p-xylene	9.18	106	111307	5.103	ug/L	98
54) o-xylene	9.59	106	106223	5.108	ug/L	99
55) Styrene	9.60	104	182643	5.207	ug/L	100
56) Isopropylbenzene	9.97	105	284121	5.007	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	47613	5.657	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	38768	5.112	ug/L	97
61) Bromoform	9.77	173	22063	4.963	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	127077	4.917	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	132468	4.950	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	123488	5.049	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	7328	4.874	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	97143	4.781	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	80920	5.030	ug/L	100
69) Naphthalene	13.55	128	132903	5.594	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	75773	5.187	ug/L	99

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

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