

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111519\
 Data File : VV013635.D
 Acq On : 15 Nov 2019 12:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

Quant Time: Nov 15 22:57:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 06:01:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	450728	5.00	ug/L	-0.04
28) Chlorobenzene-d5	8.89	117	431217	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	236173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122239	4.22	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.58	69	105811	4.58	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	227259	4.59	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	3.96	46	303835	58.60	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.39	84	267975	5.39	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.07	65	128328	5.30	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.09	84	524888	5.05	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.11	67	159428	4.47	ug/L	-0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.35	98	511167	4.85	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.66	79	58359	4.40	ug/L	-0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	243893	46.10	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.20%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	114705	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	196340	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	202399	4.827	ug/L	99
3) Chloromethane	1.25	50	187052	4.941	ug/L	98
5) Vinyl chloride	1.32	62	179698	4.875	ug/L	99
6) Bromomethane	1.53	94	108749	5.348	ug/L	99
8) Chloroethane	1.60	64	106059	5.312	ug/L	99
9) Trichlorofluoromethane	1.77	101	252563	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	142715	5.062	ug/L	98
12) 1,1-Dichloroethene	2.14	96	131856	5.033	ug/L	84
13) Acetone	2.23	43	212937	63.516	ug/L #	60
14) Carbon disulfide	2.31	76	420232	5.547	ug/L	99
15) Methyl Acetate	2.47	43	58766	6.088	ug/L	94
16) Methylene chloride	2.53	84	166552	5.849	ug/L	92
17) Methyl tert-butyl Ether	2.80	73	350296	5.712	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	161207	5.748	ug/L	96
19) 1,1-Dichloroethane	3.22	63	302100	6.022	ug/L	98
21) 2-Butanone	4.04	43	375591	60.524	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	173076	5.624	ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	77405	5.670	ug/L	92
25) Chloroform	4.42	83	335011	5.336	ug/L	98
27) 1,2-Dichloroethane	5.17	62	179277	5.192	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	265529	5.708	ug/L	98
30) Cyclohexane	4.72	56	262697	5.685	ug/L	92
31) Carbon tetrachloride	4.87	117	242428	5.809	ug/L	99
33) Benzene	5.14	78	673706	5.348	ug/L	100
34) Trichloroethene	5.95	95	175439	4.961	ug/L	98
35) Methylcyclohexane	6.17	83	269717	5.249	ug/L	98
37) 1,2-Dichloropropane	6.22	63	163851	5.037	ug/L #	97
38) Bromodichloromethane	6.55	83	215169	4.835	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	235914	5.244	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	979169	53.821	ug/L	99
42) Toluene	7.42	91	725680	5.304	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	181297	5.267	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	114091	4.892	ug/L	97
47) Tetrachloroethene	8.01	164	163927	5.096	ug/L	98
48) 2-Hexanone	8.18	43	699808	54.674	ug/L	99
49) Dibromochloromethane	8.29	129	147362	5.030	ug/L	97
50) 1,2-Dibromoethane	8.39	107	107405	5.041	ug/L	95
51) Chlorobenzene	8.92	112	467157	5.210	ug/L	99
52) Ethylbenzene	9.05	91	779703	5.438	ug/L	99
53) m,p-xylene	9.18	106	301922	5.528	ug/L	98
54) o-xylene	9.58	106	288959	5.662	ug/L	97
55) Styrene	9.60	104	504240	5.669	ug/L	98
56) Isopropylbenzene	9.97	105	786723	5.743	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	130680	5.105	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	98117	4.951	ug/L	99
61) Bromoform	9.77	173	87548	4.937	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	398385	5.226	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	393846	5.047	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	360458	5.115	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	20868	4.840	ug/L	94
67) 1,3,5-Trichlorobenzene	12.68	180	325598	5.267	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	254564	5.326	ug/L	98
69) Naphthalene	13.55	128	350644	5.810	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	241567	5.436	ug/L	97

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

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