

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122319\
 Data File : VV014179.D
 Acq On : 23 Dec 2019 23:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00502

Quant Time: Dec 24 01:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 01:34:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392387	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	207782	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	140809	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	120102	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	246041	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.92	46	331713	62.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.92%
24) Chloroform-d	4.40	84	261533	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.08	65	133977	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	520440	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.11	67	157610	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.35	98	491166	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
43) trans-1,3-Dichloropropene-	7.66	79	57361	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	268958	65.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.60%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110845	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	188526	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	165952	5.238	ug/L	100
3) Chloromethane	1.25	50	157384	4.823	ug/L	99
5) Vinyl chloride	1.33	62	161021	5.278	ug/L	94
6) Bromomethane	1.53	94	30025	1.785	ug/L	98
8) Chloroethane	1.60	64	99622	5.495	ug/L	94
9) Trichlorofluoromethane	1.77	101	223351	5.431	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	123093	5.310	ug/L	95
12) 1,1-Dichloroethene	2.14	96	118119	5.221	ug/L	98
13) Acetone	2.18	43	211865	48.972	ug/L	99
14) Carbon disulfide	2.32	76	436650	5.808	ug/L	100
15) Methyl Acetate	2.46	43	57147	5.595	ug/L	100
16) Methylene chloride	2.53	84	147661	4.854	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	305947	5.496	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	138400	5.172	ug/L	97
19) 1,1-Dichloroethane	3.23	63	264459	5.325	ug/L	99
21) 2-Butanone	4.00	43	365300	61.643	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	150930	5.478	ug/L #	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	67750	5.321	ug/L	98
25) Chloroform	4.42	83	266532	5.236	ug/L	99
27) 1,2-Dichloroethane	5.17	62	161300	5.567	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	226249	5.356	ug/L	99
30) Cyclohexane	4.72	56	228609	5.657	ug/L	97
31) Carbon tetrachloride	4.87	117	201861	5.369	ug/L	99
33) Benzene	5.14	78	578308	5.644	ug/L	100
34) Trichloroethene	5.96	95	155747	5.771	ug/L	97
35) Methylcyclohexane	6.17	83	222091	5.544	ug/L	99
37) 1,2-Dichloropropane	6.22	63	144277	5.706	ug/L	100
38) Bromodichloromethane	6.55	83	181639	5.523	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	187998	5.278	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	907454	65.878	ug/L	99
42) Toluene	7.43	91	613086	5.720	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	149960	5.355	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	98712	5.620	ug/L	98
47) Tetrachloroethene	8.02	164	127908	5.257	ug/L	97
48) 2-Hexanone	8.17	43	641939	63.791	ug/L	99
49) Dibromochloromethane	8.28	129	119613	5.377	ug/L	96
50) 1,2-Dibromoethane	8.39	107	89718	5.558	ug/L #	99
51) Chlorobenzene	8.92	112	367082	5.242	ug/L	98
52) Ethylbenzene	9.05	91	614801	5.507	ug/L	97
53) m,p-xylene	9.18	106	237155	5.496	ug/L	98
54) o-xylene	9.58	106	228286	5.626	ug/L	99
55) Styrene	9.60	104	388817	5.551	ug/L	99
56) Isopropylbenzene	9.97	105	600428	5.599	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	103246	5.018	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	83228	5.455	ug/L	98
61) Bromoform	9.77	173	70889	4.949	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	323900	5.341	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	325339	5.297	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	298977	5.295	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	17569	5.074	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	256384	5.141	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	212529	5.225	ug/L	99
69) Naphthalene	13.55	128	303383	5.683	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	203910	5.434	ug/L	99

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

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