

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014080.D
 Acq On : 16 Dec 2019 18:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: Dec 17 05:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 05:42:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	411047	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	408852	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	220018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114021	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	107177	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	188136	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	3.92	46	354728	67.07	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.14%#
24) Chloroform-d	4.40	84	240084	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.08	65	118295	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	422314	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.11	67	140036	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	367165	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	7.66	79	50594	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.13	63	296555	65.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.42%#
57) 1,1,2,2-Tetrachloroethane-	10.25	84	126803	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	168887	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	125134	4.571 ug/L	97
3) Chloromethane	1.25	50	131267	5.460 ug/L	99
5) Vinyl chloride	1.33	62	127097	5.176 ug/L	99
6) Bromomethane	1.53	94	66852	5.170 ug/L	99
8) Chloroethane	1.60	64	82687	5.588 ug/L	98
9) Trichlorofluoromethane	1.77	101	194052	5.089 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	116312	5.133 ug/L	98
12) 1,1-Dichloroethene	2.14	96	101622	5.142 ug/L	86
13) Acetone	2.18	43	227336	61.468 ug/L #	56
14) Carbon disulfide	2.32	76	203780	4.466 ug/L	98
15) Methyl Acetate	2.46	43	45802	5.532 ug/L	99
16) Methylene chloride	2.53	84	120849	4.464 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	248679	4.598 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	101957	4.569 ug/L	98
19) 1,1-Dichloroethane	3.23	63	220013	4.938 ug/L	99
21) 2-Butanone	4.00	43	325533	58.231 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	127148	4.859 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	56794	4.939	ug/L	94
25) Chloroform	4.42	83	230646	4.883	ug/L	97
27) 1,2-Dichloroethane	5.18	62	126450	4.678	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	191460	4.578	ug/L	98
30) Cyclohexane	4.73	56	146411	4.190	ug/L	99
31) Carbon tetrachloride	4.87	117	168413	4.577	ug/L	100
33) Benzene	5.14	78	459994	4.587	ug/L	100
34) Trichloroethene	5.96	95	138220	4.996	ug/L	97
35) Methylcyclohexane	6.17	83	152950	4.143	ug/L	96
37) 1,2-Dichloropropane	6.22	63	124160	4.817	ug/L	100
38) Bromodichloromethane	6.55	83	161164	4.739	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	156632	4.283	ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	783218	52.077	ug/L	99
42) Toluene	7.43	91	499148	4.640	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	125428	4.381	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	91393	4.975	ug/L	99
47) Tetrachloroethene	8.01	164	106445	4.431	ug/L	99
48) 2-Hexanone	8.18	43	557495	51.932	ug/L	99
49) Dibromochloromethane	8.29	129	115083	4.885	ug/L	97
50) 1,2-Dibromoethane	8.39	107	81044	4.872	ug/L	95
51) Chlorobenzene	8.92	112	333229	4.452	ug/L	99
52) Ethylbenzene	9.05	91	515425	4.411	ug/L	100
53) m,p-xylene	9.18	106	200305	4.496	ug/L	100
54) o-xylene	9.58	106	193999	4.461	ug/L	95
55) Styrene	9.60	104	356017	4.741	ug/L	97
56) Isopropylbenzene	9.97	105	535677	4.520	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	111408	5.520	ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	78737	4.976	ug/L	100
61) Bromoform	9.77	173	70594	5.098	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	288924	4.520	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	288220	4.430	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	272986	4.602	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	15197	4.408	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	237058	4.391	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	193720	4.375	ug/L	99
69) Naphthalene	13.55	128	254669	4.224	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	185839	4.607	ug/L	98

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

