

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110519\
 Data File : VV013485.D
 Acq On : 05 Nov 2019 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Nov 06 02:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 11:23:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	410273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	421647	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	252969	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141860	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	121719	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	259616	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	3.95	46	466594	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	4.40	84	358378	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	179010	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.09	84	698063	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	220145	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.35	98	662251	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.66	79	82630	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.13	63	322531	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	152808	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	248919	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	242255	4.949 ug/L	98
3) Chloromethane	1.25	50	211233	5.231 ug/L	98
5) Vinyl chloride	1.32	62	201822	4.938 ug/L	98
6) Bromomethane	1.53	94	86287	4.488 ug/L	97
8) Chloroethane	1.60	64	109165	4.875 ug/L	98
9) Trichlorofluoromethane	1.77	101	269521	4.969 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	155025	5.016 ug/L	99
12) 1,1-Dichloroethene	2.14	96	142581	4.927 ug/L	93
13) Acetone	2.22	43	217824	51.322 ug/L	97
14) Carbon disulfide	2.31	76	433571	4.831 ug/L	100
15) Methyl Acetate	2.47	43	71335	4.733 ug/L	99
16) Methylene chloride	2.53	84	187874	4.295 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	402197	4.676 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	184946	4.820 ug/L	98
19) 1,1-Dichloroethane	3.23	63	351046	5.020 ug/L	99
21) 2-Butanone	4.04	43	456506	47.606 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	196848	4.872 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	83716	4.639	ug/L	95
25) Chloroform	4.42	83	354840	4.602	ug/L	97
27) 1,2-Dichloroethane	5.17	62	206453	4.760	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	293945	4.918	ug/L	99
30) Cyclohexane	4.72	56	317883	4.920	ug/L	98
31) Carbon tetrachloride	4.87	117	269167	5.062	ug/L	99
33) Benzene	5.14	78	766899	5.116	ug/L	100
34) Trichloroethene	5.95	95	196255	4.821	ug/L	95
35) Methylcyclohexane	6.17	83	320324	5.074	ug/L	99
37) 1,2-Dichloropropane	6.22	63	190931	5.084	ug/L	99
38) Bromodichloromethane	6.55	83	234575	4.826	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	267521	5.080	ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	1133942	47.264	ug/L	98
42) Toluene	7.43	91	818761	5.252	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	206086	5.004	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	126082	4.725	ug/L	98
47) Tetrachloroethene	8.01	164	176753	5.056	ug/L	96
48) 2-Hexanone	8.18	43	814905	47.041	ug/L	98
49) Dibromochloromethane	8.29	129	154260	4.746	ug/L	96
50) 1,2-Dibromoethane	8.39	107	117874	4.686	ug/L #	99
51) Chlorobenzene	8.92	112	500766	4.950	ug/L	99
52) Ethylbenzene	9.05	91	855259	5.164	ug/L	99
53) m,p-xylene	9.18	106	325402	5.134	ug/L	99
54) o-xylene	9.58	106	318823	5.248	ug/L	99
55) Styrene	9.60	104	540713	5.230	ug/L	99
56) Isopropylbenzene	9.97	105	845180	5.235	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	138640	4.496	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	105352	4.333	ug/L	97
61) Bromoform	9.77	173	89174	4.794	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	417727	5.107	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	403526	4.862	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	377073	4.990	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	19691	4.283	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	324001	4.919	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	249482	4.538	ug/L	99
69) Naphthalene	13.55	128	348310	4.321	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	234097	4.622	ug/L	99

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

