

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110419\
 Data File : VV013476.D
 Acq On : 04 Nov 2019 14:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Nov 05 07:15:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 16:21:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	375640	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	382088	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	234537	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134607	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	113683	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	256208	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.95	46	402881	46.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	4.40	84	326639	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	162832	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.09	84	642264	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.11	67	199255	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.35	98	614280	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.66	79	74337	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	274420	46.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131186	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	229214	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	237002	5.288	ug/L 100
3) Chloromethane	1.25	50	211475	5.720	ug/L 98
5) Vinyl chloride	1.32	62	205767	5.499	ug/L 98
6) Bromomethane	1.53	94	106279	6.038	ug/L 100
8) Chloroethane	1.60	64	112620	5.493	ug/L 99
9) Trichlorofluoromethane	1.77	101	269090	5.418	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	151915	5.369	ug/L 98
12) 1,1-Dichloroethene	2.14	96	148931	5.621	ug/L 87
13) Acetone	2.22	43	218551	56.240	ug/L 97
14) Carbon disulfide	2.32	76	442863	5.389	ug/L 100
15) Methyl Acetate	2.46	43	55174	3.998	ug/L 93
16) Methylene chloride	2.53	84	159566	3.984	ug/L 94
17) Methyl tert-butyl Ether	2.80	73	400968	5.091	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	187266	5.330	ug/L 99
19) 1,1-Dichloroethane	3.23	63	349551	5.460	ug/L 98
21) 2-Butanone	4.03	43	450063	51.261	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	191328	5.172	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	83763	5.070	ug/L	98
25) Chloroform	4.42	83	353074	5.001	ug/L	100
27) 1,2-Dichloroethane	5.18	62	203301	5.119	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	297293	5.489	ug/L	100
30) Cyclohexane	4.72	56	313207	5.350	ug/L	98
31) Carbon tetrachloride	4.87	117	266547	5.531	ug/L	100
33) Benzene	5.14	78	758458	5.583	ug/L	100
34) Trichloroethene	5.96	95	196264	5.321	ug/L	98
35) Methylcyclohexane	6.17	83	309057	5.403	ug/L	100
37) 1,2-Dichloropropane	6.22	63	183766	5.400	ug/L	100
38) Bromodichloromethane	6.55	83	235734	5.352	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	254098	5.325	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1094294	50.334	ug/L	100
42) Toluene	7.43	91	805300	5.700	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	197059	5.280	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	125586	5.193	ug/L	98
47) Tetrachloroethene	8.01	164	165868	5.236	ug/L	99
48) 2-Hexanone	8.18	43	771496	49.146	ug/L	98
49) Dibromochloromethane	8.29	129	154420	5.243	ug/L	100
50) 1,2-Dibromoethane	8.39	107	115295	5.058	ug/L	97
51) Chlorobenzene	8.92	112	489126	5.335	ug/L	98
52) Ethylbenzene	9.05	91	825245	5.499	ug/L	98
53) m,p-xylene	9.18	106	319912	5.569	ug/L	97
54) o-xylene	9.58	106	307962	5.594	ug/L	99
55) Styrene	9.60	104	520303	5.554	ug/L	98
56) Isopropylbenzene	9.97	105	822920	5.625	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	128228	4.589	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	104307	4.734	ug/L	98
61) Bromoform	9.77	173	86930	5.041	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	412825	5.444	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	401688	5.220	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	374688	5.348	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	18506	4.341	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	321676	5.268	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	252956	4.963	ug/L	99
69) Naphthalene	13.55	128	331295	4.433	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	237126	5.050	ug/L	98

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

