

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080819\
 Data File : VV012136.D
 Acq On : 08 Aug 2019 20:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV33

Quant Time: Aug 09 06:48:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 09 06:44:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	113031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	105357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58752	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25810	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	17981	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	50063	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.95	46	71202	57.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.70%
24) Chloroform-d	4.40	84	73181	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.08	65	39750	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	135726	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	35131	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	137978	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.66	79	19622	5.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.80%
46) 2-Hexanone-d5	8.13	63	63384	55.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	30421	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	59986	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	54567	5.111 ug/L	99
3) Chloromethane	1.25	50	25259	5.327 ug/L	98
5) Vinyl chloride	1.32	62	28381	5.168 ug/L	100
6) Bromomethane	1.53	94	17266	5.374 ug/L	99
8) Chloroethane	1.60	64	14271	4.808 ug/L	97
9) Trichlorofluoromethane	1.77	101	56711	5.264 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	25014	5.123 ug/L	100
12) 1,1-Dichloroethene	2.14	96	22892	5.078 ug/L	87
13) Acetone	2.21	43	33128	45.350 ug/L	98
14) Carbon disulfide	2.32	76	65705	5.228 ug/L	98
15) Methyl Acetate	2.46	43	7625	4.857 ug/L	95
16) Methylene chloride	2.53	84	22891	4.789 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	82818	5.250 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	35252	5.265 ug/L	98
19) 1,1-Dichloroethane	3.23	63	56927	5.196 ug/L	94
21) 2-Butanone	4.03	43	68379	54.165 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	37559	5.079 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18326	5.203	ug/L	98
25) Chloroform	4.42	83	70473	5.042	ug/L	98
27) 1,2-Dichloroethane	5.18	62	44017	5.227	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	67643	5.171	ug/L	99
30) Cyclohexane	4.72	56	48264	5.197	ug/L	98
31) Carbon tetrachloride	4.87	117	64734	5.115	ug/L	100
33) Benzene	5.14	78	132416	5.160	ug/L	100
34) Trichloroethene	5.96	95	40209	5.254	ug/L	97
35) Methylcyclohexane	6.17	83	59196	4.989	ug/L	98
37) 1,2-Dichloropropane	6.22	63	28007	5.021	ug/L	99
38) Bromodichloromethane	6.55	83	49914	5.214	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	53880	5.327	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	172952	54.428	ug/L	99
42) Toluene	7.43	91	157221	5.251	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	44105	5.404	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	25094	5.243	ug/L	98
47) Tetrachloroethene	8.02	164	38567	5.210	ug/L	98
48) 2-Hexanone	8.18	43	123765	55.589	ug/L	99
49) Dibromochloromethane	8.29	129	37597	5.225	ug/L	96
50) 1,2-Dibromoethane	8.40	107	25433	5.294	ug/L	99
51) Chlorobenzene	8.92	112	105777	5.185	ug/L	96
52) Ethylbenzene	9.05	91	178221	5.247	ug/L	95
53) m,p-xylene	9.18	106	69528	5.236	ug/L	98
54) o-xylene	9.59	106	67505	5.248	ug/L	98
55) Styrene	9.60	104	115752	5.409	ug/L	98
56) Isopropylbenzene	9.97	105	187409	5.255	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	28606	5.406	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	21187	5.233	ug/L	99
61) Bromoform	9.77	173	24165	5.303	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	97222	5.382	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	95161	5.255	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	88849	5.298	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	6339	5.829	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	84243	5.431	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	72166	5.590	ug/L	100
69) Naphthalene	13.55	128	117817	5.644	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	67275	5.498	ug/L	98

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

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