

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090919\
 Data File : VV012627.D
 Acq On : 09 Sep 2019 16:47
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV31

Quant Time: Sep 10 09:29:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 10 09:23:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	466928	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	446347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	147856	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.58	69	123450	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	248852	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.96	46	375970	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.40	84	277596	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	132710	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.09	84	534417	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	169222	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	497660	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.66	79	59752	5.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.60%
46) 2-Hexanone-d5	8.13	63	226883	51.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	117735	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	193352	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	212448	5.395	ug/L 100
3) Chloromethane	1.25	50	204891	5.154	ug/L 100
5) Vinyl chloride	1.32	62	211447	5.211	ug/L 97
6) Bromomethane	1.53	94	119913	5.391	ug/L 99
8) Chloroethane	1.60	64	123753	5.158	ug/L 97
9) Trichlorofluoromethane	1.77	101	272789	5.358	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	161841	5.314	ug/L 100
12) 1,1-Dichloroethene	2.14	96	152321	5.252	ug/L 90
13) Acetone	2.23	43	231181	51.748	ug/L 100
14) Carbon disulfide	2.31	76	412079	5.283	ug/L 99
15) Methyl Acetate	2.47	43	60194	5.008	ug/L 99
16) Methylene chloride	2.53	84	164079	4.628	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	357080	5.248	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	171222	5.251	ug/L 97
19) 1,1-Dichloroethane	3.23	63	328056	5.344	ug/L 99
21) 2-Butanone	4.05	43	426740	55.702	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	189263	5.343	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	80102	5.291	ug/L	96
25) Chloroform	4.42	83	340559	5.037	ug/L	98
27) 1,2-Dichloroethane	5.18	62	187296	5.284	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	267279	5.441	ug/L	100
30) Cyclohexane	4.72	56	278228	5.688	ug/L	99
31) Carbon tetrachloride	4.87	117	237767	5.495	ug/L	99
33) Benzene	5.14	78	730993	5.603	ug/L	100
34) Trichloroethene	5.96	95	199433	5.532	ug/L	97
35) Methylcyclohexane	6.17	83	293969	5.770	ug/L	100
37) 1,2-Dichloropropane	6.22	63	181048	5.573	ug/L	100
38) Bromodichloromethane	6.55	83	224270	5.330	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	242254	5.683	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	1026100	56.968	ug/L	100
42) Toluene	7.43	91	780809	5.761	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	181458	5.645	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	124110	5.484	ug/L	97
47) Tetrachloroethene	8.02	164	155840	5.507	ug/L	99
48) 2-Hexanone	8.19	43	752331	58.373	ug/L	100
49) Dibromochloromethane	8.29	129	145460	5.404	ug/L	97
50) 1,2-Dibromoethane	8.39	107	109253	5.448	ug/L	97
51) Chlorobenzene	8.92	112	490371	5.504	ug/L	98
52) Ethylbenzene	9.05	91	831304	5.703	ug/L	100
53) m,p-xylene	9.18	106	321507	5.835	ug/L	100
54) o-xylene	9.59	106	305205	5.783	ug/L	100
55) Styrene	9.60	104	521549	5.943	ug/L	99
56) Isopropylbenzene	9.97	105	827763	5.922	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	119015	5.275	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	104066	5.429	ug/L	98
61) Bromoform	9.77	173	77407	5.017	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	400080	5.581	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	395484	5.465	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	360147	5.335	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	17296	4.917	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	302627	5.573	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	241224	5.612	ug/L	99
69) Naphthalene	13.55	128	361405	5.561	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	230444	5.685	ug/L	100

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

