

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110819\
 Data File : VV013538.D
 Acq On : 08 Nov 2019 13:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Quant Time: Nov 08 22:24:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 08 22:19:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	501500	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	469174	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	259842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110991	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.58	69	98857	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	210560	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.95	46	407917	53.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.66%
24) Chloroform-d	4.39	84	288190	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.08	65	150819	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.09	84	516850	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.11	67	177883	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.35	98	450719	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
43) trans-1,3-Dichloropropene-	7.66	79	64343	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.13	63	282314	57.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.36%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	134929	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	214869	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	224376	4.573	ug/L 100
3) Chloromethane	1.25	50	205178	4.678	ug/L 100
5) Vinyl chloride	1.32	62	213965	5.068	ug/L 99
6) Bromomethane	1.53	94	107884	4.853	ug/L 97
8) Chloroethane	1.60	64	105487	4.526	ug/L 95
9) Trichlorofluoromethane	1.77	101	253495	4.461	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	150576	4.728	ug/L 99
12) 1,1-Dichloroethene	2.14	96	148155	4.912	ug/L 95
13) Acetone	2.22	43	213140	46.367	ug/L 98
14) Carbon disulfide	2.31	76	448796	4.951	ug/L 100
15) Methyl Acetate	2.47	43	71875	5.230	ug/L 98
16) Methylene chloride	2.53	84	187053	4.735	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	391094	4.908	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	188013	5.024	ug/L 96
19) 1,1-Dichloroethane	3.22	63	352713	5.051	ug/L 99
21) 2-Butanone	4.04	43	446450	53.097	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	198796	5.151	ug/L # 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	85889	4.806	ug/L	97
25) Chloroform	4.42	83	373140	4.900	ug/L	97
27) 1,2-Dichloroethane	5.17	62	208793	5.078	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	304648	5.237	ug/L	97
30) Cyclohexane	4.72	56	323237	5.521	ug/L	99
31) Carbon tetrachloride	4.87	117	275067	5.273	ug/L	100
33) Benzene	5.14	78	771592	5.293	ug/L	100
34) Trichloroethene	5.95	95	205461	5.227	ug/L	99
35) Methylcyclohexane	6.17	83	329741	5.519	ug/L	99
37) 1,2-Dichloropropane	6.22	63	195022	5.439	ug/L	99
38) Bromodichloromethane	6.55	83	241186	5.211	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	265997	5.340	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1097434	53.212	ug/L	100
42) Toluene	7.42	91	818783	5.400	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	208966	5.335	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	125431	5.090	ug/L	99
47) Tetrachloroethene	8.01	164	184864	5.379	ug/L	99
48) 2-Hexanone	8.18	43	799573	54.757	ug/L	98
49) Dibromochloromethane	8.28	129	159314	5.183	ug/L	100
50) 1,2-Dibromoethane	8.39	107	118525	5.151	ug/L	98
51) Chlorobenzene	8.92	112	524120	5.240	ug/L	99
52) Ethylbenzene	9.05	91	876290	5.395	ug/L	100
53) m,p-xylene	9.18	106	331265	5.468	ug/L	99
54) o-xylene	9.58	106	312888	5.376	ug/L	99
55) Styrene	9.60	104	546670	5.540	ug/L	98
56) Isopropylbenzene	9.97	105	891204	5.673	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	136813	5.201	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	111816	5.253	ug/L	98
61) Bromoform	9.77	173	94700	5.142	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	445912	5.115	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	441837	5.074	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	400152	5.018	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	19560	4.816	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	354663	5.215	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	276759	5.107	ug/L	99
69) Naphthalene	13.55	128	361633	4.941	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	261343	5.138	ug/L	99

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

