

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013202.D
 Acq On : 18 Oct 2019 13:26
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV35

Quant Time: Nov 01 02:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:09:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	521095	5.00	ug/L	-0.06
28) Chlorobenzene-d5	8.89	117	541626	5.00	ug/L	-0.01
60) 1,4-Dichlorobenzene-d4	11.29	152	330010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	213017	3.98	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	163946	3.88	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.13	63	351638	4.25	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.96	46	423728	38.48	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.96%
24) Chloroform-d	4.40	84	419333	4.09	ug/L	-0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.08	65	196861	4.05	ug/L	-0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
32) Benzene-d6	5.09	84	858824	4.16	ug/L	-0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.11	67	252203	4.09	ug/L	-0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.35	98	799341	4.35	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.66	79	92540	4.21	ug/L	-0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	379866	42.99	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	178101	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	281939	4.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	322970	4.981 ug/L	100
3) Chloromethane	1.25	50	291899	4.663 ug/L	99
5) Vinyl chloride	1.32	62	266240	4.850 ug/L	100
6) Bromomethane	1.53	94	142830	4.670 ug/L	97
8) Chloroethane	1.60	64	152020	4.833 ug/L	96
9) Trichlorofluoromethane	1.77	101	374019	4.810 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	214485	4.885 ug/L	98
12) 1,1-Dichloroethene	2.14	96	204299	4.882 ug/L	98
13) Acetone	2.22	43	220437	40.888 ug/L	94
14) Carbon disulfide	2.31	76	587765	4.935 ug/L	100
15) Methyl Acetate	2.47	43	55252	4.473 ug/L	95
16) Methylene chloride	2.53	84	223836	4.270 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	571212	5.095 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	273045	4.999 ug/L	99
19) 1,1-Dichloroethane	3.22	63	489749	4.929 ug/L	99
21) 2-Butanone	4.04	43	570346	48.511 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	283922	5.033 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	121153	4.803	ug/L	96
25) Chloroform	4.42	83	498678	4.749	ug/L	98
27) 1,2-Dichloroethane	5.18	62	286863	5.008	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	417130	4.987	ug/L	98
30) Cyclohexane	4.72	56	455801	5.278	ug/L	99
31) Carbon tetrachloride	4.87	117	369728	4.992	ug/L	99
33) Benzene	5.14	78	1109449	5.087	ug/L	100
34) Trichloroethene	5.96	95	283347	5.009	ug/L	97
35) Methylcyclohexane	6.17	83	462340	5.326	ug/L	98
37) 1,2-Dichloropropane	6.22	63	273382	5.081	ug/L	100
38) Bromodichloromethane	6.55	83	337307	4.970	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	378118	5.257	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1537739	53.141	ug/L	98
42) Toluene	7.43	91	1187217	5.295	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	285805	5.166	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	180833	4.901	ug/L	99
47) Tetrachloroethene	8.01	164	252079	5.097	ug/L	98
48) 2-Hexanone	8.18	43	1098474	52.267	ug/L	97
49) Dibromochloromethane	8.29	129	219293	4.963	ug/L	96
50) 1,2-Dibromoethane	8.39	107	168760	5.058	ug/L #	98
51) Chlorobenzene	8.92	112	740603	5.138	ug/L	98
52) Ethylbenzene	9.05	91	1257447	5.378	ug/L	100
53) m,p-xylene	9.18	106	480719	5.453	ug/L	98
54) o-xylene	9.58	106	460943	5.378	ug/L	98
55) Styrene	9.60	104	798568	5.590	ug/L	98
56) Isopropylbenzene	9.97	105	1234325	5.476	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	214204	4.981	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	157312	5.056	ug/L	96
61) Bromoform	9.77	173	127645	4.758	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	602726	5.101	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	609459	5.176	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	552254	4.933	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	31981	4.510	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	446961	5.156	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	403647	5.339	ug/L	99
69) Naphthalene	13.55	128	588554	5.044	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	380103	5.079	ug/L	100

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

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