

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091719\
 Data File : VV012869.D
 Acq On : 17 Sep 2019 17:35
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV33

Quant Time: Sep 17 18:15:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:41:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	417979	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	408529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	201213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	200726	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	162386	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	296524	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.98	46	467343	53.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.90%
24) Chloroform-d	4.40	84	336145	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	172031	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.09	84	696236	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.12	67	211540	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	642590	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	7.66	79	76351	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.14	63	362858	58.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	164823	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	222551	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115127	4.368 ug/L	95
3) Chloromethane	1.25	50	138553	4.766 ug/L	100
5) Vinyl chloride	1.32	62	161019	4.774 ug/L	99
6) Bromomethane	1.53	94	79662	4.913 ug/L	100
8) Chloroethane	1.60	64	85404	4.820 ug/L	99
9) Trichlorofluoromethane	1.77	101	195423	4.762 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	117065	4.753 ug/L	99
12) 1,1-Dichloroethene	2.14	96	105760	4.723 ug/L	96
13) Acetone	2.24	43	221600	48.373 ug/L #	53
14) Carbon disulfide	2.32	76	223500	4.872 ug/L	100
15) Methyl Acetate	2.47	43	58898	4.914 ug/L #	86
16) Methylene chloride	2.53	84	119509	4.340 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	314321	4.963 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	117198	4.709 ug/L	99
19) 1,1-Dichloroethane	3.23	63	247288	4.815 ug/L	99
21) 2-Butanone	4.06	43	398269	52.919 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	139802	4.999 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	61709	4.983	ug/L	98
25) Chloroform	4.42	83	263165	4.548	ug/L	98
27) 1,2-Dichloroethane	5.18	62	155030	5.038	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	202805	4.778	ug/L	99
30) Cyclohexane	4.72	56	179742	5.077	ug/L	99
31) Carbon tetrachloride	4.87	117	173226	4.818	ug/L	98
33) Benzene	5.14	78	528248	4.983	ug/L	100
34) Trichloroethene	5.96	95	135156	4.950	ug/L	98
35) Methylcyclohexane	6.17	83	183957	5.020	ug/L	100
37) 1,2-Dichloropropane	6.22	63	139158	4.818	ug/L	99
38) Bromodichloromethane	6.55	83	178161	4.739	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	190023	4.966	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	1008340	54.210	ug/L	99
42) Toluene	7.43	91	570348	5.168	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	153405	5.020	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	106034	4.898	ug/L	96
47) Tetrachloroethene	8.02	164	107982	4.921	ug/L	99
48) 2-Hexanone	8.19	43	744618	55.404	ug/L	100
49) Dibromochloromethane	8.29	129	121053	4.911	ug/L	99
50) 1,2-Dibromoethane	8.40	107	92317	5.124	ug/L	93
51) Chlorobenzene	8.92	112	378795	5.002	ug/L	99
52) Ethylbenzene	9.05	91	607887	5.136	ug/L	99
53) m,p-xylene	9.18	106	229414	5.255	ug/L	98
54) o-xylene	9.59	106	226036	5.267	ug/L	100
55) Styrene	9.60	104	400439	5.439	ug/L	100
56) Isopropylbenzene	9.97	105	612488	5.318	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	133747	4.933	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	93109	4.941	ug/L	100
61) Bromoform	9.77	173	67852	4.918	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	304785	5.069	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	303307	4.915	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	294679	4.968	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19646	4.819	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	232632	4.948	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	188049	4.981	ug/L	98
69) Naphthalene	13.55	128	301806	5.291	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	195080	5.238	ug/L	100

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

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