

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012598.D
 Acq On : 06 Sep 2019 15:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Sep 06 23:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 23:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	191084	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	188603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	91899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71113	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.58	69	67005	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.13	63	181046	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.97	46	170822	49.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.02%
24) Chloroform-d	4.40	84	122147	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.08	65	60639	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.09	84	213892	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.11	67	69076	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.36	98	196417	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	24551	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	108505	52.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50621	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	65437	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	101410	5.053	ug/L 96
3) Chloromethane	1.25	50	133196	4.895	ug/L 99
5) Vinyl chloride	1.32	62	139400	4.979	ug/L 100
6) Bromomethane	1.53	94	73907	4.343	ug/L 95
8) Chloroethane	1.60	64	95090	5.111	ug/L 99
9) Trichlorofluoromethane	1.77	101	216009	5.067	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	123332	5.180	ug/L 99
12) 1,1-Dichloroethene	2.14	96	115222	5.062	ug/L 96
13) Acetone	2.23	43	221791	52.456	ug/L 66
14) Carbon disulfide	2.32	76	355650	4.903	ug/L 99
15) Methyl Acetate	2.47	43	52321	4.701	ug/L 96
16) Methylene chloride	2.53	84	122425	4.643	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	194498	5.284	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	90421	4.969	ug/L 99
19) 1,1-Dichloroethane	3.23	63	180662	5.198	ug/L 97
21) 2-Butanone	4.05	43	243870	54.714	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	92085	5.149	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	39603	5.161	ug/L	95
25) Chloroform	4.42	83	182288	4.845	ug/L	99
27) 1,2-Dichloroethane	5.18	62	115653	5.151	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	148148	5.346	ug/L	99
30) Cyclohexane	4.72	56	158764	5.514	ug/L	97
31) Carbon tetrachloride	4.87	117	128402	5.215	ug/L	99
33) Benzene	5.14	78	379796	5.397	ug/L	100
34) Trichloroethene	5.96	95	98463	5.177	ug/L	98
35) Methylcyclohexane	6.17	83	158207	5.570	ug/L	99
37) 1,2-Dichloropropane	6.22	63	100703	5.622	ug/L	98
38) Bromodichloromethane	6.55	83	123408	5.291	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	123641	5.265	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	620001	58.105	ug/L	98
42) Toluene	7.43	91	419173	5.648	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	99200	5.501	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	62701	5.171	ug/L	99
47) Tetrachloroethene	8.02	164	73783	5.321	ug/L	93
48) 2-Hexanone	8.19	43	453706	60.265	ug/L	99
49) Dibromochloromethane	8.29	129	74412	5.412	ug/L	97
50) 1,2-Dibromoethane	8.39	107	56446	5.313	ug/L	93
51) Chlorobenzene	8.92	112	247988	5.409	ug/L	98
52) Ethylbenzene	9.05	91	439073	5.585	ug/L	98
53) m,p-xylene	9.18	106	161898	5.657	ug/L	99
54) o-xylene	9.59	106	153598	5.658	ug/L	99
55) Styrene	9.60	104	266135	5.886	ug/L	98
56) Isopropylbenzene	9.97	105	423157	5.846	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	68243	5.380	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	55125	5.166	ug/L	98
61) Bromoform	9.78	173	34238	4.843	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	182740	5.223	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	182793	5.209	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	169126	5.179	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	10636	4.849	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	124267	5.300	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	92516	5.390	ug/L	98
69) Naphthalene	13.55	128	138429	5.599	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	90977	5.675	ug/L	96

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

