

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013341.D
 Acq On : 25 Oct 2019 13:10
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Oct 26 00:58:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	581088	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	608535	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	388322	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215656	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	172261	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	343968	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.95	46	443513	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.40	84	423690	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	193688	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.09	84	885624	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.11	67	258756	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.35	98	864197	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	96095	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.13	63	327194	40.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	167492	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	327433	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	282031	4.390 ug/L	98
3) Chloromethane	1.25	50	234707	4.210 ug/L	100
5) Vinyl chloride	1.32	62	253175	4.515 ug/L	100
6) Bromomethane	1.54	94	154676	4.896 ug/L	100
8) Chloroethane	1.60	64	153205	4.584 ug/L	100
9) Trichlorofluoromethane	1.77	101	353488	4.356 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	215892	4.502 ug/L	96
12) 1,1-Dichloroethene	2.14	96	205055	4.488 ug/L	91
13) Acetone	2.22	43	245287	57.663 ug/L #	43
14) Carbon disulfide	2.32	76	564634	4.305 ug/L	99
15) Methyl Acetate	2.47	43	86959	6.045 ug/L	96
16) Methylene chloride	2.53	84	286516	4.173 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	544333	5.145 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	273287	5.074 ug/L	93
19) 1,1-Dichloroethane	3.23	63	473412	5.408 ug/L	97
21) 2-Butanone	4.04	43	551617	57.928 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	291216	5.052 ug/L #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	128374	4.693	ug/L	92
25) Chloroform	4.42	83	500098	4.382	ug/L	99
27) 1,2-Dichloroethane	5.18	62	270894	4.445	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	415547	4.620	ug/L	99
30) Cyclohexane	4.72	56	422691	4.527	ug/L	98
31) Carbon tetrachloride	4.87	117	384382	4.763	ug/L	99
33) Benzene	5.14	78	1096881	4.720	ug/L	100
34) Trichloroethene	5.96	95	293494	4.707	ug/L	97
35) Methylcyclohexane	6.17	83	469626	4.895	ug/L	97
37) 1,2-Dichloropropane	6.22	63	261920	4.640	ug/L	100
38) Bromodichloromethane	6.55	83	330096	4.518	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	368965	4.641	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1350432	46.803	ug/L	96
42) Toluene	7.43	91	1209699	4.958	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	278954	4.632	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	188086	4.774	ug/L	97
47) Tetrachloroethene	8.01	164	281563	4.973	ug/L	99
48) 2-Hexanone	8.18	43	963268	46.766	ug/L	97
49) Dibromochloromethane	8.29	129	232615	4.687	ug/L	99
50) 1,2-Dibromoethane	8.39	107	172642	4.598	ug/L	99
51) Chlorobenzene	8.92	112	783879	4.907	ug/L	98
52) Ethylbenzene	9.05	91	1283861	5.047	ug/L	100
53) m,p-xylene	9.18	106	515886	5.298	ug/L	98
54) o-xylene	9.58	106	483930	5.234	ug/L	97
55) Styrene	9.60	104	836497	5.324	ug/L	99
56) Isopropylbenzene	9.97	105	1301993	5.339	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	191299	4.224	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	146732	4.359	ug/L	95
61) Bromoform	9.77	173	137688	4.651	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	686484	5.020	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	678173	4.898	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	612837	4.866	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	28238	3.948	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	520580	5.149	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	462214	5.226	ug/L	100
69) Naphthalene	13.55	128	604523	4.955	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	421889	5.136	ug/L	99

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

