

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013290.D
 Acq On : 22 Oct 2019 20:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Oct 23 01:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	493797	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	526343	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	339106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175422	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	141730	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	308015	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.94	46	414906	59.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.70%
24) Chloroform-d	4.40	84	388760	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	176743	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.10	84	755821	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	225528	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.36	98	704731	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	82597	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	263603	38.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	172794	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	283612	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	262445	4.808	ug/L 100
3) Chloromethane	1.25	50	214992	4.538	ug/L 100
5) Vinyl chloride	1.32	62	238069	4.996	ug/L 92
6) Bromomethane	1.54	94	135883	5.062	ug/L 98
8) Chloroethane	1.60	64	131579	4.633	ug/L 97
9) Trichlorofluoromethane	1.77	101	340321	4.935	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	202388	4.967	ug/L 100
12) 1,1-Dichloroethene	2.14	96	192007	4.946	ug/L 97
13) Acetone	2.21	43	235223	65.073	ug/L # 48
14) Carbon disulfide	2.32	76	554182	4.972	ug/L 99
15) Methyl Acetate	2.46	43	84025	6.874	ug/L 99
16) Methylene chloride	2.53	84	253311	4.342	ug/L 94
17) Methyl tert-butyl Ether	2.80	73	478810	5.325	ug/L 96
18) trans-1,2-Dichloroethene	2.79	96	249413	5.449	ug/L 94
19) 1,1-Dichloroethane	3.23	63	436648	5.870	ug/L 98
21) 2-Butanone	4.03	43	536160	66.258	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	256869	5.244	ug/L # 88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	115362	4.962	ug/L	96
25) Chloroform	4.42	83	455837	4.700	ug/L	99
27) 1,2-Dichloroethane	5.18	62	247253	4.774	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	377887	4.857	ug/L	99
30) Cyclohexane	4.72	56	376101	4.657	ug/L	99
31) Carbon tetrachloride	4.87	117	343035	4.915	ug/L	99
33) Benzene	5.14	78	997366	4.962	ug/L	100
34) Trichloroethene	5.96	95	253508	4.701	ug/L	97
35) Methylcyclohexane	6.17	83	399230	4.811	ug/L	99
37) 1,2-Dichloropropane	6.22	63	245550	5.030	ug/L	99
38) Bromodichloromethane	6.55	83	307039	4.859	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	321289	4.672	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	1275661	51.116	ug/L	97
42) Toluene	7.43	91	1083320	5.133	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	243126	4.668	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	166725	4.893	ug/L	98
47) Tetrachloroethene	8.02	164	242544	4.952	ug/L	97
48) 2-Hexanone	8.18	43	926669	52.014	ug/L	99
49) Dibromochloromethane	8.29	129	210012	4.893	ug/L	98
50) 1,2-Dibromoethane	8.40	107	156559	4.821	ug/L	97
51) Chlorobenzene	8.92	112	685195	4.959	ug/L	99
52) Ethylbenzene	9.05	91	1134773	5.158	ug/L	99
53) m,p-xylene	9.18	106	447149	5.309	ug/L	98
54) o-xylene	9.59	106	422424	5.283	ug/L	97
55) Styrene	9.60	104	743012	5.467	ug/L	97
56) Isopropylbenzene	9.97	105	1136215	5.387	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	192971	4.926	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	140685	4.832	ug/L	99
61) Bromoform	9.77	173	120752	4.671	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	589353	4.935	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	589342	4.874	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	537047	4.883	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	28186	4.513	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	420253	4.760	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	369212	4.780	ug/L	100
69) Naphthalene	13.55	128	492722	4.624	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	349839	4.877	ug/L	99

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

