

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082719\
 Data File : VV012414.D
 Acq On : 27 Aug 2019 08:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Aug 28 07:22:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 12:08:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	233127	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114404	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63262	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.58	69	47385	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	110958	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.20%
20) 2-Butanone-d5	3.97	46	167743	53.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.84%
24) Chloroform-d	4.40	84	138464	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.08	65	66532	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.09	84	267595	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	81404	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	242664	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	29510	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	100663	51.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53831	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	83350	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	108552	5.452	ug/L 99
3) Chloromethane	1.25	50	94889	6.196	ug/L 99
5) Vinyl chloride	1.32	62	88809	5.980	ug/L 98
6) Bromomethane	1.54	94	40203	5.932	ug/L 94
8) Chloroethane	1.60	64	46518	6.240	ug/L 96
9) Trichlorofluoromethane	1.77	101	119423	6.042	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	58214	5.655	ug/L 96
12) 1,1-Dichloroethene	2.14	96	54478	5.826	ug/L 93
13) Acetone	2.23	43	83929	61.782	ug/L 75
14) Carbon disulfide	2.32	76	159855	5.440	ug/L 99
15) Methyl Acetate	2.47	43	19436	5.684	ug/L 92
16) Methylene chloride	2.53	84	53524	5.136	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	148627	5.274	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	75118	5.402	ug/L 99
19) 1,1-Dichloroethane	3.23	63	142139	5.497	ug/L 97
21) 2-Butanone	4.05	43	175908	55.132	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	74127	4.887	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	33400	5.296	ug/L	99
25) Chloroform	4.42	83	146293	5.071	ug/L	98
27) 1,2-Dichloroethane	5.18	62	84697	5.564	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	120061	5.299	ug/L	98
30) Cyclohexane	4.72	56	117008	4.999	ug/L	99
31) Carbon tetrachloride	4.87	117	106988	5.339	ug/L	99
33) Benzene	5.14	78	308980	5.343	ug/L	100
34) Trichloroethene	5.96	95	80292	5.144	ug/L	99
35) Methylcyclohexane	6.17	83	118452	4.832	ug/L	97
37) 1,2-Dichloropropane	6.22	63	75594	5.158	ug/L	99
38) Bromodichloromethane	6.55	83	97910	5.416	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	100206	5.086	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	431831	54.856	ug/L	99
42) Toluene	7.43	91	327515	5.544	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	79013	5.302	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	50972	5.369	ug/L	97
47) Tetrachloroethene	8.02	164	66235	5.259	ug/L	97
48) 2-Hexanone	8.19	43	315942	55.778	ug/L	95
49) Dibromochloromethane	8.29	129	62064	5.455	ug/L	99
50) 1,2-Dibromoethane	8.40	107	46567	5.188	ug/L	99
51) Chlorobenzene	8.92	112	199018	5.157	ug/L	99
52) Ethylbenzene	9.05	91	331051	5.206	ug/L	100
53) m,p-xylene	9.18	106	125564	5.267	ug/L	97
54) o-xylene	9.59	106	119856	5.283	ug/L	98
55) Styrene	9.60	104	206524	5.442	ug/L	96
56) Isopropylbenzene	9.97	105	319949	5.270	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	52046	5.107	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	41999	5.217	ug/L	100
61) Bromoform	9.77	173	32155	4.899	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	155114	4.992	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	154884	4.977	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	141565	4.955	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7643	4.666	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	113262	4.761	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	75970	4.582	ug/L	99
69) Naphthalene	13.55	128	89639	3.906	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	72053	4.640	ug/L	98

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

