

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012412.D
 Acq On : 26 Aug 2019 20:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Aug 27 02:26:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	115731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50101	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	36529	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.13	63	92024	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.96	46	176005	56.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.66%
24) Chloroform-d	4.40	84	127865	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	65418	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	251523	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	79165	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	232958	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.66	79	28981	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.14	63	108353	54.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57291	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	80557	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	106016	5.351	ug/L 100
3) Chloromethane	1.25	50	83502	5.479	ug/L 100
5) Vinyl chloride	1.32	62	77156	5.221	ug/L 99
6) Bromomethane	1.54	94	33993	5.040	ug/L 98
8) Chloroethane	1.60	64	39032	5.262	ug/L 100
9) Trichlorofluoromethane	1.77	101	106593	5.419	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	50331	4.913	ug/L 97
12) 1,1-Dichloroethene	2.14	96	49040	5.270	ug/L 91
13) Acetone	2.23	43	81200	60.070	ug/L 60
14) Carbon disulfide	2.32	76	143814	4.918	ug/L 100
15) Methyl Acetate	2.47	43	19117	5.618	ug/L 98
16) Methylene chloride	2.53	84	49698	4.793	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	162750	5.804	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	71769	5.187	ug/L 97
19) 1,1-Dichloroethane	3.23	63	137383	5.340	ug/L 96
21) 2-Butanone	4.05	43	200778	63.239	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	74484	4.935	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	34813	5.547	ug/L	97
25) Chloroform	4.42	83	141692	4.936	ug/L	99
27) 1,2-Dichloroethane	5.18	62	85673	5.656	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	118002	5.107	ug/L	98
30) Cyclohexane	4.72	56	113872	4.770	ug/L	99
31) Carbon tetrachloride	4.87	117	106332	5.204	ug/L	98
33) Benzene	5.14	78	306109	5.190	ug/L	100
34) Trichloroethene	5.96	95	79845	5.016	ug/L	99
35) Methylcyclohexane	6.17	83	113586	4.543	ug/L	97
37) 1,2-Dichloropropane	6.22	63	78324	5.241	ug/L	99
38) Bromodichloromethane	6.55	83	97788	5.304	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	101761	5.065	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	498557	62.104	ug/L	98
42) Toluene	7.43	91	321011	5.329	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	81635	5.371	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	53474	5.523	ug/L	98
47) Tetrachloroethene	8.02	164	65716	5.117	ug/L	98
48) 2-Hexanone	8.19	43	360952	62.488	ug/L	98
49) Dibromochloromethane	8.29	129	62479	5.385	ug/L	93
50) 1,2-Dibromoethane	8.40	107	49306	5.387	ug/L #	99
51) Chlorobenzene	8.92	112	199354	5.065	ug/L	99
52) Ethylbenzene	9.05	91	329638	5.084	ug/L	100
53) m,p-xylene	9.18	106	122606	5.044	ug/L	99
54) o-xylene	9.59	106	119396	5.161	ug/L	98
55) Styrene	9.60	104	207653	5.365	ug/L	97
56) Isopropylbenzene	9.97	105	316381	5.110	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	56545	5.441	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	45443	5.535	ug/L	98
61) Bromoform	9.77	173	35071	5.282	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	153624	4.888	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	150746	4.789	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	144605	5.003	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	8107	4.893	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	108426	4.506	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	78432	4.677	ug/L	99
69) Naphthalene	13.55	128	103823	4.472	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	77939	4.961	ug/L	98

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

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