

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081419\
 Data File : VV012245.D
 Acq On : 14 Aug 2019 19:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00540

Quant Time: Aug 15 23:33:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 15 23:30:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	204854	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	201087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103064	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51629	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	43807	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	92341	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.96	46	150110	55.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.14%
24) Chloroform-d	4.40	84	117959	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.08	65	56273	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.09	84	225391	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	68100	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.36	98	211504	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	26313	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.14	63	102273	55.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52875	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	76817	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	95300	4.847	ug/L 100
3) Chloromethane	1.25	50	84985	4.773	ug/L 99
5) Vinyl chloride	1.32	62	88002	4.810	ug/L 100
6) Bromomethane	1.53	94	33695	3.259	ug/L 100
8) Chloroethane	1.60	64	51012	4.834	ug/L 97
9) Trichlorofluoromethane	1.77	101	107937	4.690	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56941	4.893	ug/L 99
12) 1,1-Dichloroethene	2.14	96	53498	4.964	ug/L 99
13) Acetone	2.23	43	78339	46.117	ug/L 98
14) Carbon disulfide	2.31	76	120485	3.818	ug/L 99
15) Methyl Acetate	2.47	43	16759	3.908	ug/L 92
16) Methylene chloride	2.53	84	42915	3.693	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	134560	4.533	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	60442	4.204	ug/L 99
19) 1,1-Dichloroethane	3.23	63	135601	5.151	ug/L 98
21) 2-Butanone	4.05	43	196111	56.462	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	76380	4.811	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35126	5.190	ug/L	97
25) Chloroform	4.42	83	143623	4.804	ug/L	98
27) 1,2-Dichloroethane	5.18	62	84124	5.124	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	120746	4.909	ug/L	99
30) Cyclohexane	4.72	56	114652	4.681	ug/L	100
31) Carbon tetrachloride	4.87	117	108575	4.879	ug/L	98
33) Benzene	5.14	78	303161	4.998	ug/L	100
34) Trichloroethene	5.96	95	77057	4.690	ug/L	96
35) Methylcyclohexane	6.17	83	118807	4.654	ug/L	98
37) 1,2-Dichloropropane	6.22	63	74178	4.901	ug/L	98
38) Bromodichloromethane	6.55	83	97535	5.002	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	102337	4.910	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	482446	57.983	ug/L	99
42) Toluene	7.43	91	324653	5.031	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	83552	5.094	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	53620	5.312	ug/L	97
47) Tetrachloroethene	8.02	164	65418	4.831	ug/L	98
48) 2-Hexanone	8.19	43	347583	59.270	ug/L	99
49) Dibromochloromethane	8.29	129	64070	5.113	ug/L	98
50) 1,2-Dibromoethane	8.40	107	50289	5.157	ug/L	99
51) Chlorobenzene	8.92	112	204478	4.894	ug/L	99
52) Ethylbenzene	9.05	91	338618	4.924	ug/L	99
53) m,p-xylene	9.18	106	131995	4.998	ug/L	97
54) o-xylene	9.59	106	124140	4.967	ug/L	98
55) Styrene	9.60	104	217002	5.196	ug/L	100
56) Isopropylbenzene	9.97	105	330037	4.938	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	62462	5.334	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	47185	5.495	ug/L	98
61) Bromoform	9.77	173	33145	4.988	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	162278	4.730	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	160176	4.684	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	153483	4.876	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9900	4.940	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	117559	4.538	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	89747	4.661	ug/L	100
69) Naphthalene	13.55	128	141386	5.079	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	90598	4.982	ug/L	100

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

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