

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081519\
 Data File : VV012247.D
 Acq On : 15 Aug 2019 13:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Aug 16 04:19:19 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	206040	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	190845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	100130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67852	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.58	69	56543	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.13	63	94131	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	3.97	46	120722	44.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.06%
24) Chloroform-d	4.40	84	117481	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	54849	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.09	84	221839	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.11	67	64323	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	216311	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.66	79	26265	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	88312	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45134	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	81752	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	127334	6.439	ug/L	100
3) Chloromethane	1.25	50	111540	6.228	ug/L	100
5) Vinyl chloride	1.32	62	115536	6.279	ug/L	99
6) Bromomethane	1.53	94	57990	5.576	ug/L	97
8) Chloroethane	1.60	64	68621	6.465	ug/L	96
9) Trichlorofluoromethane	1.77	101	149554	6.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	57080	4.877	ug/L	97
12) 1,1-Dichloroethene	2.14	96	51973	4.795	ug/L	100
13) Acetone	2.23	43	78236	45.792	ug/L	98
14) Carbon disulfide	2.31	76	146648	4.620	ug/L	100
15) Methyl Acetate	2.47	43	16736	3.880	ug/L	98
16) Methylene chloride	2.53	84	51204	4.381	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	156642	5.246	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	74364	5.143	ug/L	97
19) 1,1-Dichloroethane	3.22	63	126603	4.781	ug/L	100
21) 2-Butanone	4.05	43	160285	45.881	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	76991	4.822	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	35773	5.255	ug/L	90
25) Chloroform	4.42	83	139464	4.638	ug/L	97
27) 1,2-Dichloroethane	5.18	62	81061	4.909	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	128091	5.488	ug/L	98
30) Cyclohexane	4.72	56	113704	4.891	ug/L	96
31) Carbon tetrachloride	4.87	117	120033	5.684	ug/L	96
33) Benzene	5.14	78	290168	5.040	ug/L	100
34) Trichloroethene	5.96	95	80608	5.169	ug/L	94
35) Methylcyclohexane	6.17	83	129399	5.341	ug/L	97
37) 1,2-Dichloropropane	6.22	63	69313	4.825	ug/L	98
38) Bromodichloromethane	6.55	83	95584	5.165	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	103800	5.247	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	380629	48.201	ug/L	96
42) Toluene	7.43	91	320158	5.227	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	81528	5.238	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	49373	5.153	ug/L	96
47) Tetrachloroethene	8.02	164	72554	5.645	ug/L	96
48) 2-Hexanone	8.19	43	270731	48.642	ug/L	97
49) Dibromochloromethane	8.29	129	66081	5.556	ug/L	93
50) 1,2-Dibromoethane	8.40	107	48469	5.237	ug/L	94
51) Chlorobenzene	8.92	112	206058	5.196	ug/L	99
52) Ethylbenzene	9.05	91	352991	5.408	ug/L	99
53) m,p-xylene	9.18	106	138151	5.512	ug/L	99
54) o-xylene	9.59	106	130408	5.498	ug/L	97
55) Styrene	9.60	104	222666	5.617	ug/L	99
56) Isopropylbenzene	9.97	105	359678	5.670	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	53299	4.795	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	40585	4.980	ug/L	99
61) Bromoform	9.77	173	36688	5.683	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	176871	5.307	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	174704	5.259	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	159237	5.207	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	8739	4.488	ug/L	83
67) 1,3,5-Trichlorobenzene	12.69	180	142018	5.643	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	108901	5.821	ug/L	98
69) Naphthalene	13.55	128	153743	5.685	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	102582	5.806	ug/L	99

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

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