

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110419\
 Data File : VV013483.D
 Acq On : 04 Nov 2019 18:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Nov 05 07:21:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 05 07:17:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360134	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226940	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119027	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.58	69	106689	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	233997	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.96	46	399452	50.73	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.46%
24) Chloroform-d	4.40	84	311499	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.08	65	156612	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	594207	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.12	67	184669	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	577684	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.66	79	71210	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.13	63	275308	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	139581	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	224637	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	218057	5.299 ug/L	99
3) Chloromethane	1.25	50	185190	5.456 ug/L	99
5) Vinyl chloride	1.32	62	182079	5.300 ug/L #	82
6) Bromomethane	1.53	94	49156	3.042 ug/L	99
8) Chloroethane	1.60	64	104549	5.555 ug/L	95
9) Trichlorofluoromethane	1.77	101	254098	5.573 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	144643	5.568 ug/L	98
12) 1,1-Dichloroethene	2.14	96	136085	5.595 ug/L	99
13) Acetone	2.23	43	201779	56.559 ug/L	65
14) Carbon disulfide	2.32	76	410985	5.447 ug/L	100
15) Methyl Acetate	2.47	43	57169	4.513 ug/L	97
16) Methylene chloride	2.53	84	147144	4.002 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	377808	5.225 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	175574	5.443 ug/L	98
19) 1,1-Dichloroethane	3.23	63	325219	5.533 ug/L	99
21) 2-Butanone	4.04	43	430601	53.422 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	180836	5.325 ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	81603	5.380	ug/L	96
25) Chloroform	4.42	83	332702	5.134	ug/L	99
27) 1,2-Dichloroethane	5.18	62	198226	5.437	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	277420	5.434	ug/L	100
30) Cyclohexane	4.72	56	285755	5.178	ug/L	98
31) Carbon tetrachloride	4.87	117	247675	5.453	ug/L	99
33) Benzene	5.14	78	704020	5.498	ug/L	100
34) Trichloroethene	5.96	95	179870	5.173	ug/L	99
35) Methylcyclohexane	6.17	83	281105	5.214	ug/L	99
37) 1,2-Dichloropropane	6.22	63	181815	5.668	ug/L	99
38) Bromodichloromethane	6.55	83	218738	5.269	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	244440	5.435	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1066927	52.067	ug/L	99
42) Toluene	7.43	91	755712	5.675	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	187039	5.317	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	118911	5.217	ug/L	97
47) Tetrachloroethene	8.02	164	164825	5.520	ug/L	98
48) 2-Hexanone	8.18	43	768598	51.946	ug/L	98
49) Dibromochloromethane	8.29	129	146282	5.270	ug/L	95
50) 1,2-Dibromoethane	8.39	107	109131	5.079	ug/L #	96
51) Chlorobenzene	8.92	112	468575	5.423	ug/L	100
52) Ethylbenzene	9.05	91	789348	5.580	ug/L	99
53) m,p-xylene	9.18	106	301826	5.575	ug/L	100
54) o-xylene	9.59	106	286718	5.526	ug/L	100
55) Styrene	9.60	104	508230	5.756	ug/L	99
56) Isopropylbenzene	9.97	105	778705	5.647	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	138420	5.256	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	104868	5.049	ug/L	98
61) Bromoform	9.77	173	84997	5.094	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	392443	5.349	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	388877	5.223	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	363091	5.356	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19895	4.823	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	299494	5.069	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	235396	4.773	ug/L	99
69) Naphthalene	13.55	128	306954	4.245	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	221731	4.880	ug/L	99

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

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