

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111120\
 Data File : VV019331.D
 Acq On : 11 Nov 2020 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Nov 12 00:39:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	259959	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261405	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	146565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117730	56.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.98%
7) Chloroethane-d5	1.58	69	94537	58.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.82%
11) 1,1-Dichloroethene-d2	2.12	63	220949	56.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.44%
21) 2-Butanone-d5	3.91	46	133719	105.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.68%
24) Chloroform-d	4.37	84	199108	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.62%
26) 1,2-Dichloroethane-d4	5.05	65	132562	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
32) Benzene-d6	5.07	84	376970	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	6.09	67	117182	53.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.00%
41) Toluene-d8	7.33	98	345201	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%
43) trans-1,3-Dichloropropene-	7.64	79	61767	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.56%
47) 2-Hexanone-d5	8.10	63	87688	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	148998	49.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	138649	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	108778	47.655	ug/L	99
3) Chloromethane	1.25	50	117241	56.560	ug/L	99
5) Vinyl chloride	1.32	62	120913	56.976	ug/L	99
6) Bromomethane	1.53	94	76765	54.001	ug/L	99
8) Chloroethane	1.60	64	78548	59.527	ug/L	100
9) Trichlorofluoromethane	1.77	101	183347	51.836	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99629	58.529	ug/L	96
12) 1,1-Dichloroethene	2.13	96	91676	54.993	ug/L	96
13) Acetone	2.19	43	145929	124.142	ug/L	98
14) Carbon disulfide	2.31	76	257383	48.574	ug/L	99
15) Methyl Acetate	2.45	43	105406	55.641	ug/L	96
16) Methylene chloride	2.52	84	101420	53.577	ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	91650	51.186	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	297462	49.614	ug/L	97
19) 1,1-Dichloroethane	3.21	63	183240	54.930	ug/L	98
20) cis-1,2-Dichloroethene	3.93	96	98237	49.991	ug/L	94
22) 2-Butanone	3.99	43	164456	128.443	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52623	49.904	ug/L #	88
25) Chloroform	4.40	83	187322	51.965	ug/L	98
27) 1,2-Dichloroethane	5.15	62	157813	51.423	ug/L	99
29) Cyclohexane	4.70	56	149148	51.108	ug/L	95
30) 1,1,1-Trichloroethane	4.63	97	169795	47.933	ug/L	99
31) Carbon tetrachloride	4.85	117	150118	47.790	ug/L	99
33) Benzene	5.12	78	392614	52.092	ug/L	100
34) Trichloroethene	5.93	95	104866	50.790	ug/L	97
35) Methylcyclohexane	6.15	83	141661	50.822	ug/L	96
37) 1,2-Dichloropropane	6.19	63	106252	56.767	ug/L	99
38) Bromodichloromethane	6.53	83	141172	50.701	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	160198	51.817	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	282122	109.262	ug/L	98
42) Toluene	7.41	91	421285	50.988	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	165494	51.458	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	96916	51.628	ug/L	99
46) Tetrachloroethene	7.99	164	83078	47.121	ug/L	98
48) 2-Hexanone	8.15	43	236035	115.009	ug/L	97
49) Dibromochloromethane	8.26	129	112010	49.281	ug/L	97
50) 1,2-Dibromoethane	8.37	107	100114	49.986	ug/L	99
51) Chlorobenzene	8.90	112	266351	49.169	ug/L	98
52) Ethylbenzene	9.03	91	454992	49.975	ug/L	99
53) m,p-Xylene	9.16	106	173754	50.529	ug/L	98
54) o-xylene	9.56	106	163795	49.612	ug/L	98
55) Styrene	9.58	104	303479	51.862	ug/L	100
56) Isopropylbenzene	9.95	105	449274	50.636	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	145721	50.980	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	126308	51.620	ug/L	98
61) Bromoform	9.75	173	84046	46.487	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	223505	48.346	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	228859	47.634	ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	223472	48.796	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	35038	44.713	ug/L	88
67) 1,3,5-Trichlorobenzene	12.67	180	156463	45.976	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	143004	44.850	ug/L	99
69) Naphthalene	13.52	128	401722	44.982	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	147605	47.305	ug/L	99

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

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