

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018889.D
 Acq On : 13 Oct 2020 20:12
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05088

Quant Time: Oct 14 01:37:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342651	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	337490	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	178003	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	98735	31.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.42%
7) Chloroethane-d5	1.58	69	87472	34.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.80%#
11) 1,1-Dichloroethene-d2	2.12	63	215260	35.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.72%
21) 2-Butanone-d5	3.90	46	202410	105.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.37	84	231930	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	5.05	65	154366	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.92%
32) Benzene-d6	5.07	84	430121	39.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.09	67	144278	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.48%
41) Toluene-d8	7.34	98	383597	39.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.58%#
43) trans-1,3-Dichloropropene-	7.64	79	69439	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.11	63	128863	103.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193572	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	161516	41.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	129074	58.357	ug/L	99
3) Chloromethane	1.25	50	148642	51.224	ug/L	100
5) Vinyl chloride	1.32	62	146426	48.398	ug/L	99
6) Bromomethane	1.53	94	81827	45.894	ug/L	99
8) Chloroethane	1.59	64	92315	46.604	ug/L	97
9) Trichlorofluoromethane	1.76	101	199837	45.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	101226	41.100	ug/L	99
12) 1,1-Dichloroethene	2.13	96	104788	44.187	ug/L	96
13) Acetone	2.18	43	137197	86.108	ug/L	98
14) Carbon disulfide	2.31	76	330074	47.020	ug/L	100
15) Methyl Acetate	2.44	43	153935	49.455	ug/L	99
16) Methylene chloride	2.52	84	135147	46.293	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	120812	48.263	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	399764	47.626	ug/L	100
19) 1,1-Dichloroethane	3.21	63	242636	49.390	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	131992	49.892	ug/L	98
22) 2-Butanone	3.99	43	208135	111.484	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68185	49.713	ug/L	98
25) Chloroform	4.40	83	244297	48.454	ug/L	97
27) 1,2-Dichloroethane	5.15	62	202038	49.255	ug/L	99
29) Cyclohexane	4.70	56	184297	45.093	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	206566	45.923	ug/L	99
31) Carbon tetrachloride	4.85	117	175102	46.187	ug/L	100
33) Benzene	5.12	78	518989	48.472	ug/L	100
34) Trichloroethene	5.94	95	143686	46.627	ug/L	99
35) Methylcyclohexane	6.15	83	159886	42.403	ug/L	100
37) 1,2-Dichloropropane	6.20	63	142126	48.324	ug/L	99
38) Bromodichloromethane	6.53	83	180337	48.280	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	212571	51.161	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	423986	110.929	ug/L	100
42) Toluene	7.41	91	548251	49.852	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	209272	49.151	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	131444	49.761	ug/L	98
46) Tetrachloroethene	8.00	164	101272	44.842	ug/L	99
48) 2-Hexanone	8.16	43	332458	110.186	ug/L	99
49) Dibromochloromethane	8.27	129	141502	49.010	ug/L	99
50) 1,2-Dibromoethane	8.37	107	136307	50.453	ug/L	99
51) Chlorobenzene	8.90	112	344554	47.204	ug/L	99
52) Ethylbenzene	9.03	91	587076	47.008	ug/L	100
53) m,p-Xylene	9.16	106	218970	47.765	ug/L	99
54) o-xylene	9.56	106	213234	48.974	ug/L	98
55) Styrene	9.58	104	389588	50.554	ug/L	95
56) Isopropylbenzene	9.95	105	544276	45.178	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	194022	52.656	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	175003	50.006	ug/L	100
61) Bromoform	9.75	173	100730	51.003	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	271036	46.704	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	280501	46.465	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	277217	47.581	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	43252	53.818	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	177907	47.330	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	167768	47.464	ug/L	100
69) Naphthalene	13.52	128	538290	54.051	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	179731	51.224	ug/L	99

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

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