

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019365.D
 Acq On : 12 Nov 2020 20:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Nov 13 01:15:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	203346	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	200448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80135	52.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.56%
7) Chloroethane-d5	1.58	69	64877	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.18%
11) 1,1-Dichloroethene-d2	2.12	63	165015	52.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.64%
21) 2-Butanone-d5	3.91	46	85892	108.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	4.37	84	150532	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.68%
26) 1,2-Dichloroethane-d4	5.05	65	103926	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
32) Benzene-d6	5.07	84	268013	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.09	67	74652	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.04%
41) Toluene-d8	7.33	98	263012	52.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.12%
43) trans-1,3-Dichloropropene-	7.64	79	46041	50.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.56%
47) 2-Hexanone-d5	8.11	63	63463	117.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.93%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	108487	55.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	119500	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	89039	52.219	ug/L	96
3) Chloromethane	1.25	50	84750	55.626	ug/L	99
5) Vinyl chloride	1.32	62	88505	53.888	ug/L	99
6) Bromomethane	1.53	94	61826	52.648	ug/L	98
8) Chloroethane	1.60	64	56078	54.145	ug/L	99
9) Trichlorofluoromethane	1.76	101	155169	52.667	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	68131	50.738	ug/L	99
12) 1,1-Dichloroethene	2.13	96	72188	52.671	ug/L	91
13) Acetone	2.19	43	64610	95.968	ug/L	96
14) Carbon disulfide	2.31	76	193105	50.956	ug/L	99
15) Methyl Acetate	2.45	43	62338	54.846	ug/L	100
16) Methylene chloride	2.52	84	72679	52.809	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	68447	51.919	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	222731	52.586	ug/L	100
19) 1,1-Dichloroethane	3.21	63	121751	53.262	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	74182	53.154	ug/L	98
22) 2-Butanone	4.00	43	83689	108.403	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	43278	53.771	ug/L	95
25) Chloroform	4.40	83	139217	52.363	ug/L	96
27) 1,2-Dichloroethane	5.15	62	117568	52.199	ug/L	100
29) Cyclohexane	4.70	56	88801	51.257	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	136641	51.894	ug/L	99
31) Carbon tetrachloride	4.86	117	123750	52.189	ug/L	99
33) Benzene	5.13	78	269013	53.201	ug/L	100
34) Trichloroethene	5.94	95	78335	51.366	ug/L	94
35) Methylcyclohexane	6.15	83	89456	47.464	ug/L	99
37) 1,2-Dichloropropane	6.20	63	65293	53.129	ug/L	99
38) Bromodichloromethane	6.53	83	103251	51.686	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	106212	50.409	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	172035	110.942	ug/L	100
42) Toluene	7.41	91	303410	53.342	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	116123	51.743	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	71435	53.588	ug/L	98
46) Tetrachloroethene	8.00	164	68025	50.639	ug/L	99
48) 2-Hexanone	8.16	43	133854	110.142	ug/L	98
49) Dibromochloromethane	8.27	129	91773	53.645	ug/L	96
50) 1,2-Dibromoethane	8.37	107	78024	53.498	ug/L	95
51) Chlorobenzene	8.90	112	205743	52.597	ug/L	99
52) Ethylbenzene	9.03	91	335622	52.760	ug/L	100
53) m,p-Xylene	9.16	106	131981	53.580	ug/L	97
54) o-xylene	9.56	106	125753	52.791	ug/L	97
55) Styrene	9.58	104	231958	55.062	ug/L	99
56) Isopropylbenzene	9.95	105	339191	53.031	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	102012	56.004	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	90935	54.182	ug/L	98
61) Bromoform	9.75	173	73977	52.892	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	178771	51.795	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	185602	51.404	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	180705	51.744	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	27533	54.583	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	132138	49.939	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	125210	52.601	ug/L	98
69) Naphthalene	13.52	128	305069	54.269	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	128568	53.678	ug/L	99

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

