

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019351.D
 Acq On : 12 Nov 2020 14:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Quant Time: Nov 13 01:07:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 13:19:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	201391	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	197485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78294	51.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.14%
7) Chloroethane-d5	1.58	69	63316	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.66%
11) 1,1-Dichloroethene-d2	2.12	63	158495	50.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.48%
21) 2-Butanone-d5	3.91	46	87359	111.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.59%
24) Chloroform-d	4.38	84	149031	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.66%
26) 1,2-Dichloroethane-d4	5.06	65	102140	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
32) Benzene-d6	5.07	84	261153	51.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.56%
36) 1,2-Dichloropropane-d6	6.09	67	73888	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.52%
41) Toluene-d8	7.34	98	256545	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%
43) trans-1,3-Dichloropropene-	7.64	79	46925	52.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.02%
47) 2-Hexanone-d5	8.11	63	63028	118.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.88%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	105029	54.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	119436	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	88567	52.446	ug/L 99
3) Chloromethane	1.25	50	82554	54.711	ug/L 98
5) Vinyl chloride	1.32	62	86558	53.214	ug/L 99
6) Bromomethane	1.53	94	60058	51.639	ug/L 96
8) Chloroethane	1.60	64	53279	51.942	ug/L 99
9) Trichlorofluoromethane	1.76	101	152109	52.130	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	71736	53.941	ug/L 98
12) 1,1-Dichloroethene	2.13	96	69970	51.548	ug/L 90
13) Acetone	2.19	43	68115	102.157	ug/L 97
14) Carbon disulfide	2.31	76	197032	52.497	ug/L 100
15) Methyl Acetate	2.45	43	63094	56.050	ug/L 100
16) Methylene chloride	2.52	84	71004	52.093	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	68400	52.387	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	226098	53.899	ug/L 99
19) 1,1-Dichloroethane	3.21	63	120280	53.129	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	72368	52.358	ug/L 98
22) 2-Butanone	3.99	43	85263	111.514	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	42278	53.039	ug/L	95
25) Chloroform	4.40	83	135340	51.399	ug/L	95
27) 1,2-Dichloroethane	5.15	62	115581	51.815	ug/L	100
29) Cyclohexane	4.70	56	94129	55.147	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	132818	51.199	ug/L	99
31) Carbon tetrachloride	4.86	117	121424	51.976	ug/L	100
33) Benzene	5.13	78	264721	53.138	ug/L	100
34) Trichloroethene	5.94	95	78695	52.377	ug/L	98
35) Methylcyclohexane	6.15	83	96234	51.827	ug/L	98
37) 1,2-Dichloropropane	6.20	63	62474	51.598	ug/L	99
38) Bromodichloromethane	6.53	83	102703	52.183	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	110967	53.456	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	169968	111.253	ug/L	99
42) Toluene	7.41	91	297285	53.049	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	119527	54.058	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	70674	53.812	ug/L	98
46) Tetrachloroethene	8.00	164	67565	51.051	ug/L	97
48) 2-Hexanone	8.16	43	132224	110.434	ug/L	97
49) Dibromochloromethane	8.27	129	89747	53.247	ug/L	99
50) 1,2-Dibromoethane	8.37	107	76460	53.213	ug/L	95
51) Chlorobenzene	8.90	112	201118	52.186	ug/L	99
52) Ethylbenzene	9.03	91	334179	53.322	ug/L	100
53) m,p-Xylene	9.16	106	130355	53.714	ug/L	97
54) o-xylene	9.56	106	125043	53.280	ug/L	95
55) Styrene	9.58	104	226520	54.578	ug/L	100
56) Isopropylbenzene	9.95	105	335255	53.202	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	97847	54.523	ug/L	97
59) 1,2,3-Trichloropropane	10.29	75	89237	53.968	ug/L	98
61) Bromoform	9.75	173	72955	52.885	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	179497	52.726	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	184347	51.764	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	180728	52.468	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	27842	55.961	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	136845	52.435	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	129544	55.177	ug/L	99
69) Naphthalene	13.52	128	324761	58.573	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	131075	55.484	ug/L	99

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

