

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110220\
 Data File : VV019204.D
 Acq On : 02 Nov 2020 15:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Nov 03 03:27:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 03:19:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	251865	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	243880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137341	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66808	33.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.76%
7) Chloroethane-d5	1.58	69	55832	35.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.82%
11) 1,1-Dichloroethene-d2	2.12	63	148839	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
21) 2-Butanone-d5	3.90	46	99340	81.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.03%
24) Chloroform-d	4.37	84	153633	41.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.52%
26) 1,2-Dichloroethane-d4	5.05	65	105079	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.00%
32) Benzene-d6	5.07	84	279636	40.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.84%
36) 1,2-Dichloropropane-d6	6.09	67	84509	40.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.94%
41) Toluene-d8	7.33	98	267001	40.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.36%
43) trans-1,3-Dichloropropene-	7.64	79	50090	41.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.92%
47) 2-Hexanone-d5	8.10	63	73454	82.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.23%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	116512	41.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	119410	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	102893	46.525	ug/L 98
3) Chloromethane	1.25	50	91747	45.684	ug/L 96
5) Vinyl chloride	1.32	62	95460	46.428	ug/L 100
6) Bromomethane	1.53	94	62740	45.554	ug/L 100
8) Chloroethane	1.60	64	58955	46.114	ug/L 99
9) Trichlorofluoromethane	1.76	101	158978	46.391	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	78230	47.435	ug/L 99
12) 1,1-Dichloroethene	2.13	96	74197	45.938	ug/L 90
13) Acetone	2.18	43	92362	81.097	ug/L 98
14) Carbon disulfide	2.31	76	227474	44.309	ug/L 100
15) Methyl Acetate	2.44	43	80072	43.626	ug/L 99
16) Methylene chloride	2.52	84	83666	45.619	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	81005	46.695	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	270229	46.520	ug/L 99
19) 1,1-Dichloroethane	3.21	63	149199	46.163	ug/L 97
20) cis-1,2-Dichloroethene	3.93	96	86825	45.604	ug/L 98
22) 2-Butanone	3.98	43	112964	91.062	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	46028	45.052	ug/L	97
25) Chloroform	4.40	83	159647	45.711	ug/L	97
27) 1,2-Dichloroethane	5.15	62	139275	46.841	ug/L	99
29) Cyclohexane	4.70	56	127782	46.933	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	152833	46.245	ug/L	99
31) Carbon tetrachloride	4.85	117	135068	46.089	ug/L	100
33) Benzene	5.12	78	324630	46.167	ug/L	100
34) Trichloroethene	5.93	95	88928	46.165	ug/L	98
35) Methylcyclohexane	6.15	83	124104	47.723	ug/L	100
37) 1,2-Dichloropropane	6.19	63	83476	47.803	ug/L	100
38) Bromodichloromethane	6.53	83	123781	47.650	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	137625	47.714	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	222502	92.364	ug/L	100
42) Toluene	7.41	91	365464	47.411	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	142597	47.525	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	80681	46.068	ug/L	98
46) Tetrachloroethene	7.99	164	75280	45.766	ug/L	99
48) 2-Hexanone	8.15	43	172887	90.293	ug/L	98
49) Dibromochloromethane	8.26	129	98440	46.423	ug/L	98
50) 1,2-Dibromoethane	8.37	107	87675	46.921	ug/L	100
51) Chlorobenzene	8.90	112	233881	46.278	ug/L	99
52) Ethylbenzene	9.03	91	402967	47.442	ug/L	100
53) m,p-Xylene	9.16	106	152475	47.527	ug/L	99
54) o-xylene	9.56	106	145809	47.338	ug/L	97
55) Styrene	9.58	104	262900	48.156	ug/L	99
56) Isopropylbenzene	9.95	105	397506	48.021	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	122106	45.788	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	102253	44.792	ug/L	99
61) Bromoform	9.75	173	77663	45.841	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	198041	45.715	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	203852	45.279	ug/L	97
65) 1,2-Dichlorobenzene	11.66	146	198648	46.289	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	30723	41.840	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	143180	44.898	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	135236	45.262	ug/L	99
69) Naphthalene	13.52	128	383285	45.800	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	135669	46.400	ug/L	99

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

