

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019037.D
 Acq On : 21 Oct 2020 02:15
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Oct 21 08:06:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284145	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273916	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	151320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117009	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.06%
7) Chloroethane-d5	1.58	69	99320	53.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.12	63	234610	53.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.26%
21) 2-Butanone-d5	3.91	46	155660	95.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.48%
24) Chloroform-d	4.38	84	204114	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
26) 1,2-Dichloroethane-d4	5.06	65	138911	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.07	84	387576	48.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.94%
36) 1,2-Dichloropropane-d6	6.09	67	124250	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.20%
41) Toluene-d8	7.34	98	355094	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.64	79	60681	48.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.12%
47) 2-Hexanone-d5	8.11	63	94461	99.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149427	49.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	142935	46.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.86%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	119244	48.465	ug/L 97
3) Chloromethane	1.25	50	138960	50.079	ug/L 99
5) Vinyl chloride	1.32	62	138432	51.616	ug/L 100
6) Bromomethane	1.53	94	84907	51.890	ug/L 99
8) Chloroethane	1.60	64	90422	56.214	ug/L 99
9) Trichlorofluoromethane	1.77	101	192453	54.367	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	100343	54.436	ug/L 98
12) 1,1-Dichloroethene	2.13	96	102549	54.898	ug/L 98
13) Acetone	2.20	43	124599	104.590	ug/L 100
14) Carbon disulfide	2.31	76	313634	49.281	ug/L 100
15) Methyl Acetate	2.45	43	135347	55.306	ug/L 100
16) Methylene chloride	2.52	84	119952	53.526	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	106048	51.142	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	348735	53.229	ug/L 99
19) 1,1-Dichloroethane	3.21	63	201501	49.949	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	108227	49.244	ug/L 98
22) 2-Butanone	4.00	43	161800	99.889	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	56692	49.947	ug/L	98
25) Chloroform	4.40	83	205536	50.667	ug/L	98
27) 1,2-Dichloroethane	5.15	62	167827	50.644	ug/L	100
29) Cyclohexane	4.70	56	168483	51.757	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	182870	53.803	ug/L	99
31) Carbon tetrachloride	4.86	117	157156	54.326	ug/L	100
33) Benzene	5.13	78	430216	51.236	ug/L	100
34) Trichloroethene	5.94	95	117826	48.660	ug/L	99
35) Methylcyclohexane	6.15	83	144237	49.184	ug/L	100
37) 1,2-Dichloropropane	6.20	63	117031	52.065	ug/L	99
38) Bromodichloromethane	6.53	83	152350	52.865	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	171157	50.675	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	322932	104.177	ug/L	99
42) Toluene	7.41	91	455154	52.483	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	170347	52.045	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	111214	53.191	ug/L	99
46) Tetrachloroethene	8.00	164	82440	48.310	ug/L	99
48) 2-Hexanone	8.16	43	249354	101.454	ug/L	98
49) Dibromochloromethane	8.27	129	115172	52.030	ug/L	97
50) 1,2-Dibromoethane	8.37	107	108181	49.647	ug/L	100
51) Chlorobenzene	8.90	112	283248	50.097	ug/L	99
52) Ethylbenzene	9.03	91	498030	53.049	ug/L	100
53) m,p-Xylene	9.16	106	183797	52.550	ug/L	98
54) o-xylene	9.56	106	178827	53.442	ug/L	97
55) Styrene	9.58	104	320125	54.391	ug/L	99
56) Isopropylbenzene	9.95	105	475199	54.095	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	144227	50.801	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	136159	50.043	ug/L	100
61) Bromoform	9.75	173	83986	50.808	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	231453	49.339	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	237624	48.181	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	231888	48.995	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	34755	49.277	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	159183	50.515	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	147176	50.686	ug/L	98
69) Naphthalene	13.52	128	426722	51.784	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	151747	52.282	ug/L	100

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

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