

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018823.D
 Acq On : 09 Oct 2020 16:46
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Oct 09 23:55:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 23:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346407	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	335187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164646	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144252	45.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.66%
7) Chloroethane-d5	1.58	69	118119	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.24%
11) 1,1-Dichloroethene-d2	2.13	63	274274	45.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.40%
21) 2-Butanone-d5	3.91	46	208018	107.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.63%
24) Chloroform-d	4.38	84	270976	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.06	65	185717	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.08	84	535458	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
36) 1,2-Dichloropropane-d6	6.09	67	172949	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.34%
41) Toluene-d8	7.34	98	492078	51.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.78%
43) trans-1,3-Dichloropropene-	7.64	79	79829	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
47) 2-Hexanone-d5	8.11	63	129910	105.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192874	47.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	182796	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	96672	43.233	ug/L	99
3) Chloromethane	1.25	50	129556	44.163	ug/L	100
5) Vinyl chloride	1.32	62	132434	43.299	ug/L	99
6) Bromomethane	1.53	94	77561	43.030	ug/L	99
8) Chloroethane	1.60	64	86909	43.399	ug/L	99
9) Trichlorofluoromethane	1.77	101	194079	43.401	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105684	42.444	ug/L	100
12) 1,1-Dichloroethene	2.14	96	104872	43.743	ug/L	97
13) Acetone	2.19	43	123906	76.923	ug/L	99
14) Carbon disulfide	2.31	76	295833	41.685	ug/L	99
15) Methyl Acetate	2.45	43	138078	43.880	ug/L	99
16) Methylene chloride	2.52	84	126612	42.899	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	112272	44.365	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	396232	46.694	ug/L	100
19) 1,1-Dichloroethane	3.21	63	232255	46.765	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	127734	47.759	ug/L	98
22) 2-Butanone	3.99	43	184520	97.763	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	64627	46.608	ug/L	95
25) Chloroform	4.41	83	236540	46.407	ug/L	100
27) 1,2-Dichloroethane	5.15	62	194505	46.904	ug/L	99
29) Cyclohexane	4.70	56	197858	48.743	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	203080	45.459	ug/L	99
31) Carbon tetrachloride	4.86	117	173169	45.991	ug/L	100
33) Benzene	5.13	78	500502	47.066	ug/L	100
34) Trichloroethene	5.94	95	139782	45.672	ug/L	99
35) Methylcyclohexane	6.16	83	168394	44.966	ug/L	98
37) 1,2-Dichloropropane	6.20	63	138376	47.372	ug/L	100
38) Bromodichloromethane	6.53	83	174530	47.047	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	197415	47.839	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	376468	99.174	ug/L	100
42) Toluene	7.41	91	535155	48.995	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	191697	45.333	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	125756	47.934	ug/L	98
46) Tetrachloroethene	8.00	164	98560	43.941	ug/L	99
48) 2-Hexanone	8.16	43	290161	96.828	ug/L	99
49) Dibromochloromethane	8.27	129	132724	46.285	ug/L	97
50) 1,2-Dibromoethane	8.37	107	127289	47.439	ug/L	100
51) Chlorobenzene	8.90	112	339959	46.895	ug/L	99
52) Ethylbenzene	9.03	91	590095	47.574	ug/L	100
53) m,p-Xylene	9.16	106	216867	47.632	ug/L	98
54) o-xylene	9.56	106	212099	49.048	ug/L	99
55) Styrene	9.58	104	373849	48.845	ug/L	99
56) Isopropylbenzene	9.95	105	564008	47.138	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	169031	46.188	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	156460	45.015	ug/L	99
61) Bromoform	9.75	173	91716	50.206	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	252483	47.036	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	257578	46.130	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	254571	47.239	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35118	47.242	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	164884	47.424	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	156174	47.769	ug/L	100
69) Naphthalene	13.52	128	476384	51.715	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	158407	48.809	ug/L	99

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

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