

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102720\
 Data File : VV019126.D
 Acq On : 27 Oct 2020 10:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Oct 28 01:10:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 15:10:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284164	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107922	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.62%
7) Chloroethane-d5	1.58	69	86188	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.96%
11) 1,1-Dichloroethene-d2	2.12	63	213404	44.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.28%
21) 2-Butanone-d5	3.90	46	146765	84.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.53%
24) Chloroform-d	4.37	84	204969	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.05	65	138811	45.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.46%
32) Benzene-d6	5.07	84	390991	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
36) 1,2-Dichloropropane-d6	6.09	67	118718	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.96%
41) Toluene-d8	7.33	98	362195	48.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.64	79	66277	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.10	63	105347	89.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.76%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	158510	44.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	146142	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	106487	48.110	ug/L 99
3) Chloromethane	1.25	50	110981	40.317	ug/L 100
5) Vinyl chloride	1.32	62	116010	42.780	ug/L 99
6) Bromomethane	1.53	94	71602	46.146	ug/L 98
8) Chloroethane	1.60	64	72495	42.629	ug/L 100
9) Trichlorofluoromethane	1.76	101	178315	49.991	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	92907	48.976	ug/L 97
12) 1,1-Dichloroethene	2.13	96	86789	45.728	ug/L 96
13) Acetone	2.19	43	145228	123.419	ug/L 98
14) Carbon disulfide	2.31	76	282146	45.089	ug/L 100
15) Methyl Acetate	2.44	43	108137	43.731	ug/L 100
16) Methylene chloride	2.52	84	99708	45.072	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	94415	47.074	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	312134	47.992	ug/L 98
19) 1,1-Dichloroethane	3.21	63	185161	45.725	ug/L 98
20) cis-1,2-Dichloroethene	3.93	96	101783	47.459	ug/L 96
22) 2-Butanone	3.99	43	163931	101.625	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	53090	48.629	ug/L	93
25) Chloroform	4.40	83	189405	47.480	ug/L	99
27) 1,2-Dichloroethane	5.15	62	160301	48.420	ug/L	100
29) Cyclohexane	4.70	56	159593	48.942	ug/L	95
30) 1,1,1-Trichloroethane	4.63	97	173452	51.137	ug/L	97
31) Carbon tetrachloride	4.85	117	153164	51.798	ug/L	100
33) Benzene	5.12	78	397913	47.712	ug/L	100
34) Trichloroethene	5.94	95	105001	49.824	ug/L	98
35) Methylcyclohexane	6.15	83	147535	51.166	ug/L	98
37) 1,2-Dichloropropane	6.19	63	102282	44.549	ug/L	100
38) Bromodichloromethane	6.53	83	143044	49.239	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	162054	47.759	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	290933	93.925	ug/L	98
42) Toluene	7.41	91	430305	50.267	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	170688	50.705	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	96273	47.476	ug/L	98
46) Tetrachloroethene	7.99	164	85501	52.868	ug/L	100
48) 2-Hexanone	8.15	43	241556	101.061	ug/L	99
49) Dibromochloromethane	8.26	129	112635	50.817	ug/L	100
50) 1,2-Dibromoethane	8.37	107	101498	48.232	ug/L	99
51) Chlorobenzene	8.90	112	274557	50.007	ug/L	100
52) Ethylbenzene	9.03	91	475756	51.395	ug/L	99
53) m,p-Xylene	9.16	106	178185	52.582	ug/L	95
54) o-xylene	9.56	106	172836	52.972	ug/L	99
55) Styrene	9.58	104	307521	53.134	ug/L	99
56) Isopropylbenzene	9.95	105	459050	53.507	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	149970	44.946	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	125796	46.858	ug/L	100
61) Bromoform	9.75	173	84571	49.253	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	226336	49.467	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	233887	48.919	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	222385	48.205	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	37740	46.304	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	161459	51.677	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	153068	51.955	ug/L	99
69) Naphthalene	13.52	128	461150	50.801	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	152253	51.004	ug/L	100

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

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