

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019504.D
 Acq On : 07 Dec 2020 21:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Dec 08 10:36:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 08 03:05:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294613	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272727	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130434	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55323	30.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.32%
7) Chloroethane-d5	1.58	69	75734	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.12	63	206558	48.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.34%
21) 2-Butanone-d5	3.90	46	147702	105.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.33%
24) Chloroform-d	4.37	84	221850	52.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.42%
26) 1,2-Dichloroethane-d4	5.05	65	151655	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.24%
32) Benzene-d6	5.07	84	417280	54.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.50%
36) 1,2-Dichloropropane-d6	6.09	67	140240	54.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.08%
41) Toluene-d8	7.33	98	351318	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%
43) trans-1,3-Dichloropropene-	7.64	79	63562	51.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.64%
47) 2-Hexanone-d5	8.10	63	84923	111.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	161724	52.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.02%
64) 1,2-Dichlorobenzene-d4	11.64	152	118181	49.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	31786	24.544	ug/L	99
3) Chloromethane	1.25	50	46870	32.754	ug/L	96
5) Vinyl chloride	1.32	62	54229	31.139	ug/L	97
6) Bromomethane	1.53	94	86279	55.561	ug/L	98
8) Chloroethane	1.59	64	59519	44.177	ug/L	96
9) Trichlorofluoromethane	1.76	101	124614	43.712	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	74364	44.393	ug/L	99
12) 1,1-Dichloroethene	2.13	96	77098	49.055	ug/L	98
13) Acetone	2.17	43	107245	64.219	ug/L	100
14) Carbon disulfide	2.31	76	195605	45.586	ug/L	99
15) Methyl Acetate	2.44	43	142162	53.224	ug/L	100
16) Methylene chloride	2.52	84	107949	49.370	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	89691	50.160	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	341566	51.715	ug/L	100
19) 1,1-Dichloroethane	3.21	63	217810	51.864	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	105834	50.845	ug/L	97
22) 2-Butanone	3.98	43	193977	95.196	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	52544	50.823	ug/L	94
25) Chloroform	4.40	83	215912	52.011	ug/L	99
27) 1,2-Dichloroethane	5.15	62	177079	52.294	ug/L	100
29) Cyclohexane	4.70	56	136565	48.907	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	175578	53.682	ug/L	99
31) Carbon tetrachloride	4.85	117	142861	53.237	ug/L	100
33) Benzene	5.12	78	430128	55.534	ug/L	100
34) Trichloroethene	5.94	95	110940	51.147	ug/L	99
35) Methylcyclohexane	6.15	83	117285	45.582	ug/L	98
37) 1,2-Dichloropropane	6.19	63	125387	54.380	ug/L	100
38) Bromodichloromethane	6.53	83	161861	54.420	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	179647	55.476	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	390517	114.198	ug/L	100
42) Toluene	7.41	91	411858	52.911	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	172756	52.596	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	106163	51.392	ug/L	98
46) Tetrachloroethene	7.99	164	65394	50.048	ug/L	98
48) 2-Hexanone	8.15	43	279610	101.704	ug/L	99
49) Dibromochloromethane	8.26	129	108165	50.542	ug/L	99
50) 1,2-Dibromoethane	8.37	107	105083	51.566	ug/L	100
51) Chlorobenzene	8.90	112	260429	51.365	ug/L	99
52) Ethylbenzene	9.03	91	446538	52.737	ug/L	99
53) m,p-Xylene	9.16	106	155435	51.714	ug/L	96
54) o-xylene	9.56	106	152751	52.401	ug/L	100
55) Styrene	9.58	104	278866	53.390	ug/L	100
56) Isopropylbenzene	9.95	105	407155	51.462	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166956	53.200	ug/L	96
59) 1,2,3-Trichloropropane	10.29	75	145719	51.000	ug/L	99
61) Bromoform	9.75	173	75715	51.878	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	190639	51.075	ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	195052	49.785	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	200239	52.174	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	39599	52.253	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	140888	50.235	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	130185	52.828	ug/L	99
69) Naphthalene	13.52	128	362352	55.975	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	137897	54.181	ug/L	99

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

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