

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038776.D
 Acq On : 10 Jun 2020 13:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05048

Quant Time: Jun 11 00:53:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 00:28:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	516877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	492155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	239908	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124358	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.12%
7) Chloroethane-d5	1.93	69	105799	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.46%
11) 1,1-Dichloroethene-d2	2.59	63	277082	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
21) 2-Butanone-d5	4.66	46	296939	105.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.69%
24) Chloroform-d	5.10	84	311243	49.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.98%
26) 1,2-Dichloroethane-d4	5.74	65	207942	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
32) Benzene-d6	5.76	84	577498	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
36) 1,2-Dichloropropane-d6	6.72	67	186430	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.06%
41) Toluene-d8	7.92	98	497069	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	89292	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.08%
47) 2-Hexanone-d5	8.65	63	211072	108.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.53%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	283300	51.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.96%
64) 1,2-Dichlorobenzene-d4	12.20	152	205311	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	160145	39.126	ug/L	99
3) Chloromethane	1.53	50	170495	43.180	ug/L	99
5) Vinyl chloride	1.62	62	187245	45.280	ug/L	100
6) Bromomethane	1.87	94	92179	42.800	ug/L	98
8) Chloroethane	1.95	64	119996	49.603	ug/L	99
9) Trichlorofluoromethane	2.16	101	239283	42.017	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	121877	36.716	ug/L	99
12) 1,1-Dichloroethene	2.61	96	144867	44.280	ug/L	99
13) Acetone	2.66	43	228945	101.127	ug/L	99
14) Carbon disulfide	2.82	76	451102	42.580	ug/L	99
15) Methyl Acetate	2.98	43	243326	51.432	ug/L	99
16) Methylene chloride	3.08	84	193342	49.774	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	163093	45.555	ug/L	99
18) Methyl tert-butyl Ether	3.40	73	598289	51.686	ug/L	99
19) 1,1-Dichloroethane	3.91	63	325933	48.046	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	191510	48.391	ug/L	100
22) 2-Butanone	4.74	43	363517	104.702	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	100231	51.133	ug/L	98
25) Chloroform	5.12	83	337173	49.663	ug/L	95
27) 1,2-Dichloroethane	5.83	62	292584	52.094	ug/L	100
29) Cyclohexane	5.42	56	198360	35.229	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	272483	47.119	ug/L	100
31) Carbon tetrachloride	5.56	117	206843	43.207	ug/L	99
33) Benzene	5.81	78	716882	49.052	ug/L	100
34) Trichloroethene	6.57	95	171733	46.202	ug/L	99
35) Methylcyclohexane	6.79	83	184308	32.879	ug/L	99
37) 1,2-Dichloropropane	6.82	63	191880	50.383	ug/L	99
38) Bromodichloromethane	7.13	83	252591	51.737	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	275426	46.894	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	623526	104.727	ug/L	99
42) Toluene	7.99	91	703688	46.049	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	271638	48.284	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	190778	52.046	ug/L	99
46) Tetrachloroethene	8.57	164	106419	39.685	ug/L	99
48) 2-Hexanone	8.71	43	527131	107.104	ug/L	99
49) Dibromochloromethane	8.83	129	192980	51.262	ug/L	100
50) 1,2-Dibromoethane	8.94	107	204554	51.918	ug/L	98
51) Chlorobenzene	9.47	112	441192	44.940	ug/L	98
52) Ethylbenzene	9.59	91	709343	42.060	ug/L	99
53) m,p-Xylene	9.71	106	276292	42.677	ug/L	100
54) o-xylene	10.11	106	280050	44.560	ug/L	100
55) Styrene	10.13	104	494288	45.368	ug/L	100
56) Isopropylbenzene	10.50	105	653068	39.815	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	317020	50.818	ug/L	99
59) 1,2,3-Trichloropropane	10.83	75	275763	51.642	ug/L	100
61) Bromoform	10.31	173	143101	54.384	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	322964	43.617	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	330918	44.135	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	344269	46.715	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	86290	56.501	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	219712	41.306	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	215393	42.954	ug/L	99
69) Naphthalene	14.11	128	915221	51.628	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	236318	46.974	ug/L	99

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

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