

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043020\
 Data File : VU037963.D
 Acq On : 30 Apr 2020 20:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: May 01 06:11:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM043020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 01 02:16:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	685394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	677010	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	321223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	254026	42.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.28%
7) Chloroethane-d5	1.93	69	222292	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.66%
11) 1,1-Dichloroethene-d2	2.59	63	432444	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.70%
21) 2-Butanone-d5	4.66	46	464299	98.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.54%
24) Chloroform-d	5.10	84	445972	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.54%
26) 1,2-Dichloroethane-d4	5.74	65	300103	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
32) Benzene-d6	5.76	84	897165	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.72	67	302505	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.92	98	812320	44.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.76%
43) trans-1,3-Dichloropropene-	8.20	79	147403	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.02%
47) 2-Hexanone-d5	8.65	63	300201	104.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.33%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	446427	46.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.64%
64) 1,2-Dichlorobenzene-d4	12.20	152	297418	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	240029	45.012	ug/L 98
3) Chloromethane	1.53	50	323919	47.930	ug/L 99
5) Vinyl chloride	1.62	62	325907	47.460	ug/L 100
6) Bromomethane	1.86	94	152545	46.639	ug/L 100
8) Chloroethane	1.95	64	200340	48.510	ug/L 100
9) Trichlorofluoromethane	2.15	101	327192	45.843	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	198228	45.191	ug/L 99
12) 1,1-Dichloroethene	2.60	96	207829	46.298	ug/L 90
13) Acetone	2.65	43	295152	97.252	ug/L 100
14) Carbon disulfide	2.82	76	676443	45.492	ug/L 99
15) Methyl Acetate	2.98	43	333206	50.425	ug/L 100
16) Methylene chloride	3.08	84	263060	49.715	ug/L 99
17) trans-1,2-Dichloroethene	3.39	96	230924	47.647	ug/L 100
18) Methyl tert-butyl Ether	3.40	73	816909	50.659	ug/L 100
19) 1,1-Dichloroethane	3.91	63	474393	49.137	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	267016	49.827	ug/L 99
22) 2-Butanone	4.74	43	494388	100.648	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	126518	50.192	ug/L	98
25) Chloroform	5.12	83	446643	48.194	ug/L	98
27) 1,2-Dichloroethane	5.83	62	379136	49.474	ug/L	99
29) Cyclohexane	5.42	56	394683	44.616	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	353504	46.974	ug/L	99
31) Carbon tetrachloride	5.56	117	276457	46.537	ug/L	99
33) Benzene	5.81	78	1010271	47.735	ug/L	100
34) Trichloroethene	6.57	95	244001	47.544	ug/L	99
35) Methylcyclohexane	6.79	83	377168	43.751	ug/L	100
37) 1,2-Dichloropropane	6.82	63	280705	49.608	ug/L	100
38) Bromodichloromethane	7.13	83	337636	49.144	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	429219	49.485	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	927846	101.204	ug/L	99
42) Toluene	7.99	91	1059284	47.639	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	404873	49.997	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	256409	50.033	ug/L	99
46) Tetrachloroethene	8.57	164	159486	42.564	ug/L	98
48) 2-Hexanone	8.71	43	743073	98.350	ug/L	100
49) Dibromochloromethane	8.83	129	247359	50.048	ug/L	99
50) 1,2-Dibromoethane	8.94	107	268261	48.729	ug/L #	99
51) Chlorobenzene	9.47	112	660187	47.685	ug/L	100
52) Ethylbenzene	9.59	91	1160754	47.092	ug/L	100
53) m,p-Xylene	9.71	106	443411	47.379	ug/L	97
54) o-xylene	10.11	106	437894	47.523	ug/L	98
55) Styrene	10.13	104	758856	48.486	ug/L	98
56) Isopropylbenzene	10.50	105	1100434	46.382	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	456932	49.943	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	387008	49.328	ug/L	100
61) Bromoform	10.31	173	168336	49.010	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	482261	46.892	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	490091	47.161	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	490636	47.290	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	107235	49.518	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	326059	46.505	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	318106	47.334	ug/L	99
69) Naphthalene	14.11	128	1277749	49.557	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	322607	48.775	ug/L	99

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

