

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037924.D
 Acq On : 29 Apr 2020 19:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05053

Quant Time: Apr 30 04:04:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	673758	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	661835	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	314656	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	223525	37.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.94%
7) Chloroethane-d5	1.93	69	202777	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.88%
11) 1,1-Dichloroethene-d2	2.59	63	410535	43.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.16%
21) 2-Butanone-d5	4.66	46	452274	96.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.96%
24) Chloroform-d	5.10	84	415308	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	5.74	65	286772	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
32) Benzene-d6	5.76	84	846855	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
36) 1,2-Dichloropropane-d6	6.72	67	291423	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.10%
41) Toluene-d8	7.92	98	761678	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	8.20	79	136451	42.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.70%
47) 2-Hexanone-d5	8.65	63	318984	93.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	442843	50.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.70%
64) 1,2-Dichlorobenzene-d4	12.20	152	294823	48.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	239469	43.081	ug/L 100
3) Chloromethane	1.53	50	308051	50.847	ug/L 99
5) Vinyl chloride	1.62	62	318382	47.630	ug/L 98
6) Bromomethane	1.86	94	160486	58.023	ug/L 97
8) Chloroethane	1.95	64	190206	50.645	ug/L 100
9) Trichlorofluoromethane	2.16	101	334022	46.999	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	206749	49.919	ug/L 98
12) 1,1-Dichloroethene	2.60	96	212275	51.895	ug/L 86
13) Acetone	2.65	43	279863	100.563	ug/L 99
14) Carbon disulfide	2.82	76	636394	43.502	ug/L 99
15) Methyl Acetate	2.98	43	315421	46.893	ug/L 97
16) Methylene chloride	3.08	84	251196	51.681	ug/L 94
17) trans-1,2-Dichloroethene	3.38	96	226520	49.527	ug/L 94
18) Methyl tert-butyl Ether	3.40	73	801616	50.882	ug/L 99
19) 1,1-Dichloroethane	3.91	63	470083	50.988	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	259736	51.868	ug/L 93
22) 2-Butanone	4.74	43	466515	95.733	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	124292	51.365	ug/L	94
25) Chloroform	5.13	83	451974	52.394	ug/L	100
27) 1,2-Dichloroethane	5.83	62	370214	50.109	ug/L	99
29) Cyclohexane	5.42	56	415161	44.839	ug/L	95
30) 1,1,1-Trichloroethane	5.35	97	367990	49.787	ug/L	100
31) Carbon tetrachloride	5.56	117	290836	48.675	ug/L	99
33) Benzene	5.81	78	1012214	50.389	ug/L	100
34) Trichloroethene	6.57	95	243215	49.360	ug/L	98
35) Methylcyclohexane	6.79	83	397914	46.119	ug/L	96
37) 1,2-Dichloropropane	6.82	63	278309	50.726	ug/L	99
38) Bromodichloromethane	7.13	83	335334	50.588	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	424261	48.297	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	893235	93.616	ug/L	96
42) Toluene	7.99	91	1073632	50.976	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	408659	48.196	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	253112	52.884	ug/L	99
46) Tetrachloroethene	8.57	164	163452	45.384	ug/L	99
48) 2-Hexanone	8.71	43	713076	94.520	ug/L	96
49) Dibromochloromethane	8.83	129	248950	49.813	ug/L	99
50) 1,2-Dibromoethane	8.94	107	262349	50.602	ug/L	100
51) Chlorobenzene	9.47	112	666157	50.851	ug/L	100
52) Ethylbenzene	9.59	91	1197311	50.764	ug/L	99
53) m,p-Xylene	9.71	106	454116	51.138	ug/L	99
54) o-xylene	10.12	106	451952	52.039	ug/L	99
55) Styrene	10.13	104	771825	51.676	ug/L	99
56) Isopropylbenzene	10.50	105	1161481	50.533	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	447538	52.576	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	375025	50.884	ug/L	100
61) Bromoform	10.31	173	171325	48.381	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	496543	50.401	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	501879	50.472	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	502497	52.489	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	107782	50.517	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	338804	47.321	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	331814	47.652	ug/L	99
69) Naphthalene	14.11	128	1328430	53.202	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	340219	49.480	ug/L	99

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

