

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100518\
 Data File : VU027446.D
 Acq On : 05 Oct 2018 11:35
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV52

Quant Time: Oct 06 04:57:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	200608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187892	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101377	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88996	56.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.74%
7) Chloroethane-d5	1.68	69	65965	54.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.48%
11) 1,1-Dichloroethene-d2	2.27	63	151719	51.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.46%
21) 2-Butanone-d5	4.18	46	138256	108.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.48%
24) Chloroform-d	4.65	84	134306	53.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.38%
26) 1,2-Dichloroethane-d4	5.31	65	95646	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.10%
32) Benzene-d6	5.34	84	292199	54.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.52%
36) 1,2-Dichloropropane-d6	6.33	67	99941	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.36%
41) Toluene-d8	7.57	98	260879	54.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.85	79	47898	53.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.78%
47) 2-Hexanone-d5	8.31	63	102537	110.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139354	57.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	102958	51.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.21	85	106266	53.416	ug/L	98
3) Chloromethane	1.33	50	123297	53.936	ug/L	99
5) Vinyl chloride	1.41	62	117003	52.379	ug/L	99
6) Bromomethane	1.63	94	53206	54.504	ug/L	99
8) Chloroethane	1.70	64	62742	46.868	ug/L	99
9) Trichlorofluoromethane	1.89	101	112926	50.505	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	67274	50.679	ug/L	99
12) 1,1-Dichloroethene	2.29	96	63316	48.861	ug/L	98
13) Acetone	2.32	43	109346	104.604	ug/L	98
14) Carbon disulfide	2.48	76	224228	47.106	ug/L	99
15) Methyl Acetate	2.62	43	102918	49.132	ug/L	99
16) Methylene chloride	2.70	84	76126	48.368	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	68201	47.527	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	235189	49.293	ug/L	100
19) 1,1-Dichloroethane	3.45	63	146188	49.337	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	77439	48.647	ug/L	95
22) 2-Butanone	4.26	43	154056	102.954	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	36365	50.094	uq/L	95
25) Chloroform	4.67	83	143219	50.035	uq/L	99
27) 1,2-Dichloroethane	5.40	62	116053	50.484	uq/L	100
29) Cyclohexane	5.00	56	148127	51.975	uq/L	98
30) 1,1,1-Trichloroethane	4.92	97	110450	49.131	uq/L	98
31) Carbon tetrachloride	5.14	117	96891	51.242	uq/L	99
33) Benzene	5.39	78	308677	49.993	uq/L	100
34) Trichloroethene	6.19	95	74282	50.025	uq/L	97
35) Methylcyclohexane	6.42	83	134840	52.263	uq/L	100
37) 1,2-Dichloropropane	6.43	63	91663	51.241	uq/L	99
38) Bromodichloromethane	6.76	83	101834	50.096	uq/L	99
39) cis-1,3-Dichloropropene	7.27	75	135987	51.735	uq/L	100
40) 4-Methyl-2-pentanone	7.46	43	271223	103.538	uq/L	99
42) Toluene	7.64	91	314346	50.740	uq/L	100
44) trans-1,3-Dichloropropene	7.88	75	126208	51.727	uq/L	100
45) 1,1,2-Trichloroethane	8.07	97	71618	49.873	uq/L	98
46) Tetrachloroethene	8.23	164	55445	50.242	uq/L	97
48) 2-Hexanone	8.36	43	218579	105.673	uq/L	99
49) Dibromochloromethane	8.48	129	75739	50.582	uq/L	97
50) 1,2-Dibromoethane	8.59	107	75720	49.702	uq/L	100
51) Chlorobenzene	9.12	112	195811	49.994	uq/L	99
52) Ethylbenzene	9.25	91	352799	51.288	uq/L	99
53) m,p-Xylene	9.38	106	128301	50.959	uq/L	96
54) o-xylene	9.78	106	133408	55.002	uq/L	97
55) Styrene	9.79	104	230451	55.483	uq/L	99
56) Isopropylbenzene	10.17	105	353793	55.659	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	133819	53.187	uq/L	100
59) 1,2,3-Trichloropropane	10.49	75	108393	53.520	uq/L	100
61) Bromoform	9.96	173	56347	48.917	uq/L	99
62) 1,3-Dichlorobenzene	11.42	146	156768	49.686	uq/L	98
63) 1,4-Dichlorobenzene	11.51	146	163858	49.788	uq/L	98
65) 1,2-Dichlorobenzene	11.88	146	158282	49.280	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	28378	47.661	uq/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	124225	50.960	uq/L	98
68) 1,2,4-trichlorobenzene	13.50	180	111109	49.563	uq/L	99
69) Naphthalene	13.74	128	350026	50.637	uq/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	113454	49.768	uq/L	99

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

