

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\
 Data File : VU029853.D
 Acq On : 07 Mar 2019 14:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Mar 08 04:27:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 06 00:41:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	500088	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	482218	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	160749	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.74%
7) Chloroethane-d5	1.68	69	130214	39.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.94%
11) 1,1-Dichloroethene-d2	2.27	63	287694	40.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.32%
21) 2-Butanone-d5	4.17	46	212073	95.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.10%
24) Chloroform-d	4.64	84	280655	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	5.31	65	164420	43.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.38%
32) Benzene-d6	5.34	84	584606	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
36) 1,2-Dichloropropane-d6	6.32	67	173780	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.20%
41) Toluene-d8	7.56	98	557595	45.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.06%
43) trans-1,3-Dichloropropene-	7.85	79	86309	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.14%
47) 2-Hexanone-d5	8.31	63	180180	88.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.63%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	273255	44.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	232012	42.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.88%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	167854	48.952	ug/L 100
3) Chloromethane	1.32	50	158995	52.856	ug/L 100
5) Vinyl chloride	1.40	62	188597	46.165	ug/L 99
6) Bromomethane	1.62	94	117199	62.860	ug/L 97
8) Chloroethane	1.69	64	114029	41.966	ug/L 99
9) Trichlorofluoromethane	1.88	101	262131	40.252	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	164887	47.335	ug/L 100
12) 1,1-Dichloroethene	2.28	96	152548	46.064	ug/L 85
13) Acetone	2.32	43	254124	106.643	ug/L 97
14) Carbon disulfide	2.47	76	433939	50.032	ug/L 100
15) Methyl Acetate	2.61	43	177822	57.492	ug/L 100
16) Methylene chloride	2.70	84	178790	55.793	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	163477	53.483	ug/L 99
18) Methyl tert-butyl Ether	3.00	73	494801	52.287	ug/L 98
19) 1,1-Dichloroethane	3.44	63	287616	54.418	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	189430	53.336	ug/L 96
22) 2-Butanone	4.26	43	299009	109.949	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	100139	51.433	ug/L	96
25) Chloroform	4.67	83	309012	52.402	ug/L	100
27) 1,2-Dichloroethane	5.40	62	223847	49.373	ug/L	98
29) Cyclohexane	4.99	56	247673	51.900	ug/L	96
30) 1,1,1-Trichloroethane	4.91	97	259213	50.697	ug/L	99
31) Carbon tetrachloride	5.13	117	223019	48.192	ug/L	100
33) Benzene	5.39	78	670993	54.273	ug/L	100
34) Trichloroethene	6.18	95	175704	52.755	ug/L	98
35) Methylcyclohexane	6.41	83	289850	52.404	ug/L	99
37) 1,2-Dichloropropane	6.43	63	180017	55.468	ug/L	99
38) Bromodichloromethane	6.75	83	226656	51.804	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	275971	52.705	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	476128	104.327	ug/L	98
42) Toluene	7.63	91	749811	51.284	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	252760	51.220	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	184380	53.301	ug/L	99
46) Tetrachloroethene	8.22	164	157164	48.212	ug/L	99
48) 2-Hexanone	8.36	43	406433	101.944	ug/L	98
49) Dibromochloromethane	8.47	129	206413	49.220	ug/L	99
50) 1,2-Dibromoethane	8.58	107	196280	51.214	ug/L	99
51) Chlorobenzene	9.12	112	500349	49.860	ug/L	98
52) Ethylbenzene	9.25	91	828860	49.915	ug/L	100
53) m,p-Xylene	9.37	106	327283	49.100	ug/L	98
54) o-xylene	9.77	106	324024	48.394	ug/L	97
55) Styrene	9.79	104	549945	48.656	ug/L	98
56) Isopropylbenzene	10.16	105	847871	48.393	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	315549	51.586	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	233421	50.444	ug/L	99
61) Bromoform	9.95	173	162434	47.548	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	407153	50.339	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	406775	49.975	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	422609	50.055	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	65366	49.751	ug/L	99
67) 1,3,5-Trichlorobenzene	12.88	180	319435	51.754	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	276712	51.834	ug/L	100
69) Naphthalene	13.74	128	875552	53.359	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	292922	51.671	ug/L	99

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

