

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
 Data File : VU026719.D
 Acq On : 12 Sep 2018 22:04
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05059

Quant Time: Sep 13 03:42:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	201549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190612	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94196	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	60026	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.92%
7) Chloroethane-d5	1.68	69	52713	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.10%
11) 1,1-Dichloroethene-d2	2.27	63	117333	43.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.30%
21) 2-Butanone-d5	4.18	46	108509	116.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.09%
24) Chloroform-d	4.65	84	121812	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.31	65	77618	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
32) Benzene-d6	5.34	84	234135	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
36) 1,2-Dichloropropane-d6	6.33	67	81177	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.06%
41) Toluene-d8	7.57	98	221865	47.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.86%
43) trans-1,3-Dichloropropene-	7.85	79	35634	46.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.60%
47) 2-Hexanone-d5	8.31	63	81173	120.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.17%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117293	51.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	90551	48.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.44%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	64012	50.45	ug/L	100
3) Chloromethane	1.33	50	81179	48.68	ug/L	100
5) Vinyl chloride	1.40	62	87654	50.86	ug/L	99
6) Bromomethane	1.62	94	37041	36.88	ug/L	97
8) Chloroethane	1.69	64	53956	50.48	ug/L	99
9) Trichlorofluoromethane	1.88	101	112527	51.78	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	63723	51.49	ug/L	99
12) 1,1-Dichloroethene	2.28	96	60882	51.23	ug/L	98
13) Acetone	2.32	43	78547	73.78	ug/L	100
14) Carbon disulfide	2.48	76	188051	48.72	ug/L	99
15) Methyl Acetate	2.62	43	88207	58.08	ug/L	98
16) Methylene chloride	2.70	84	74231	52.93	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	63404	50.35	ug/L	97
18) Methyl tert-butyl Ether	3.00	73	214013	55.16	ug/L	99
19) 1,1-Dichloroethane	3.45	63	131099	53.68	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	75097	52.95	ug/L	98
22) 2-Butanone	4.27	43	123892	101.65	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	38131	52.56	ug/L	96
25) Chloroform	4.67	83	131206	53.45	ug/L	99
27) 1,2-Dichloroethane	5.41	62	103704	53.20	ug/L	99
29) Cyclohexane	5.00	56	111993	53.64	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	108530	53.75	ug/L	99
31) Carbon tetrachloride	5.14	117	98117	53.76	ug/L	99
33) Benzene	5.39	78	288959	54.13	ug/L	100
34) Trichloroethene	6.19	95	70299	52.99	ug/L	98
35) Methylcyclohexane	6.42	83	114009	53.68	ug/L	100
37) 1,2-Dichloropropane	6.43	63	82385	55.25	ug/L	99
38) Bromodichloromethane	6.76	83	99384	54.38	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	114174	51.74	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	235080	123.59	ug/L	100
42) Toluene	7.64	91	303277	54.82	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	105473	51.38	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	72450	54.77	ug/L	99
46) Tetrachloroethene	8.23	164	58042	52.05	ug/L	100
48) 2-Hexanone	8.37	43	187425	116.71	ug/L	99
49) Dibromochloromethane	8.48	129	81761	53.48	ug/L	98
50) 1,2-Dibromoethane	8.59	107	78656	55.59	ug/L	99
51) Chlorobenzene	9.12	112	194682	53.59	ug/L	100
52) Ethylbenzene	9.25	91	327091	54.67	ug/L	97
53) m,p-Xylene	9.38	106	124724	55.28	ug/L	99
54) o-xylene	9.78	106	123278	55.06	ug/L	96
55) Styrene	9.79	104	211103	55.74	ug/L	98
56) Isopropylbenzene	10.17	105	317154	55.60	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	127310	55.56	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	100383	56.89	ug/L	99
61) Bromoform	9.96	173	63354	54.60	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	145649	53.85	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	151430	52.85	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	157214	55.00	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	27237	58.98	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	114114	53.19	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	99995	53.63	ug/L	99
69) Naphthalene	13.75	128	341237	59.72	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	110464	54.69	ug/L	99

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

