

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026548.D
 Acq On : 05 Sep 2018 16:29
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05058

Quant Time: Sep 06 04:40:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	179394	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	171076	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85514	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47661	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.76%
7) Chloroethane-d5	1.68	69	43289	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.27	63	94881	37.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.82%
21) 2-Butanone-d5	4.18	46	75228	87.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.20%
24) Chloroform-d	4.65	84	92252	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.31	65	59911	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
32) Benzene-d6	5.34	84	176083	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
36) 1,2-Dichloropropane-d6	6.33	67	61377	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.62%
41) Toluene-d8	7.57	98	167812	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%
43) trans-1,3-Dichloropropene-	7.85	79	26718	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
47) 2-Hexanone-d5	8.31	63	56957	91.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87232	43.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	70840	45.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.32%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	66890	47.82	ug/L	98
3) Chloromethane	1.33	50	79544	46.05	ug/L	99
5) Vinyl chloride	1.40	62	87271	46.61	ug/L	97
6) Bromomethane	1.62	94	47220	42.54	ug/L	100
8) Chloroethane	1.70	64	53760	47.82	ug/L	99
9) Trichlorofluoromethane	1.88	101	113760	47.78	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	61723	46.46	ug/L	98
12) 1,1-Dichloroethene	2.28	96	55587	43.41	ug/L	91
13) Acetone	2.32	43	65219	87.31	ug/L	100
14) Carbon disulfide	2.48	76	176280	48.65	ug/L	100
15) Methyl Acetate	2.62	43	72842	49.66	ug/L	100
16) Methylene chloride	2.70	84	67102	50.97	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	58203	50.25	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	186357	53.00	ug/L	99
19) 1,1-Dichloroethane	3.45	63	116707	51.28	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	68190	52.55	ug/L	99
22) 2-Butanone	4.26	43	100475	100.07	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	34915	52.23	ug/L	97
25) Chloroform	4.68	83	118962	51.18	ug/L	97
27) 1,2-Dichloroethane	5.41	62	94714	50.53	ug/L	99
29) Cyclohexane	5.00	56	101213	54.30	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	97852	51.98	ug/L	99
31) Carbon tetrachloride	5.14	117	87747	51.30	ug/L	98
33) Benzene	5.39	78	255948	52.19	ug/L	100
34) Trichloroethene	6.19	95	63427	51.56	ug/L	97
35) Methylcyclohexane	6.42	83	105619	54.98	ug/L	99
37) 1,2-Dichloropropane	6.44	63	73239	53.94	ug/L	99
38) Bromodichloromethane	6.76	83	89444	51.66	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	100533	51.96	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	193006	105.40	ug/L	99
42) Toluene	7.64	91	269447	52.65	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	94972	51.50	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	64653	51.98	ug/L	98
46) Tetrachloroethene	8.23	164	53078	52.77	ug/L	99
48) 2-Hexanone	8.36	43	149444	103.63	ug/L	99
49) Dibromochloromethane	8.48	129	73518	52.46	ug/L	100
50) 1,2-Dibromoethane	8.59	107	68320	51.58	ug/L	97
51) Chlorobenzene	9.12	112	174487	50.99	ug/L	98
52) Ethylbenzene	9.25	91	292479	52.55	ug/L	99
53) m,p-Xylene	9.38	106	112245	54.01	ug/L	96
54) o-xylene	9.78	106	109949	54.25	ug/L	99
55) Styrene	9.79	104	192094	54.26	ug/L	97
56) Isopropylbenzene	10.17	105	284805	53.68	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	111627	50.95	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	85210	50.29	ug/L	99
61) Bromoform	9.96	173	57213	54.21	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	132121	52.80	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	137656	52.01	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	141365	53.56	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	22811	51.40	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	106741	52.86	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	92899	52.67	ug/L	100
69) Naphthalene	13.74	128	301164	54.69	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	103947	53.67	ug/L	98

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

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