

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062618\
 Data File : VU024919.D
 Acq On : 26 Jun 2018 11:29
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Jun 27 01:01:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 23 01:10:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	351262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	324706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171279	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75710	37.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.30%
7) Chloroethane-d5	1.68	69	71634	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.62%
11) 1,1-Dichloroethene-d2	2.28	63	191158	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.18%
21) 2-Butanone-d5	4.18	46	170871	100.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.69%
24) Chloroform-d	4.65	84	203475	50.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.46%
26) 1,2-Dichloroethane-d4	5.31	65	145702	57.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.70%
32) Benzene-d6	5.35	84	390422	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.33	67	128618	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.08%
41) Toluene-d8	7.57	98	384198	48.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.32%
43) trans-1,3-Dichloropropene-	7.85	79	62332	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
47) 2-Hexanone-d5	8.31	63	134412	99.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.54%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	193334	50.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	170714	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.21	85	148858	52.39	ug/L	99
3) Chloromethane	1.33	50	118939	46.55	ug/L	100
5) Vinyl chloride	1.41	62	127281	46.51	ug/L	98
6) Bromomethane	1.63	94	69001	53.40	ug/L	97
8) Chloroethane	1.70	64	80948	50.37	ug/L	98
9) Trichlorofluoromethane	1.89	101	205522	51.15	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	121147	53.16	ug/L	99
12) 1,1-Dichloroethene	2.29	96	105705	50.63	ug/L	96
13) Acetone	2.33	43	196394	108.41	ug/L	96
14) Carbon disulfide	2.48	76	292889	42.81	ug/L	100
15) Methyl Acetate	2.62	43	135505	48.81	ug/L	99
16) Methylene chloride	2.71	84	124936	48.66	ug/L	98
17) trans-1,2-Dichloroethene	2.99	96	112043	47.56	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	410612	53.60	ug/L	97
19) 1,1-Dichloroethane	3.45	63	226112	52.14	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	135548	49.36	ug/L	95
22) 2-Butanone	4.26	43	228231	98.86	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	69973	50.79	ug/L	99
25) Chloroform	4.68	83	245855	54.96	ug/L	97
27) 1,2-Dichloroethane	5.41	62	201168	58.35	ug/L	96
29) Cyclohexane	5.00	56	206249	51.24	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	219404	55.78	ug/L	98
31) Carbon tetrachloride	5.14	117	195868	54.41	ug/L	99
33) Benzene	5.39	78	489248	51.28	ug/L	100
34) Trichloroethene	6.19	95	131960	50.04	ug/L	98
35) Methylcyclohexane	6.42	83	217129	51.22	ug/L	97
37) 1,2-Dichloropropane	6.44	63	135622	51.13	ug/L	100
38) Bromodichloromethane	6.76	83	184827	52.87	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	212686	51.16	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	389804	98.98	ug/L	99
42) Toluene	7.64	91	545593	51.46	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	195826	51.50	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	129328	51.82	ug/L	98
46) Tetrachloroethene	8.23	164	111427	50.20	ug/L	99
48) 2-Hexanone	8.36	43	324666	101.46	ug/L	99
49) Dibromochloromethane	8.48	129	155558	50.87	ug/L	96
50) 1,2-Dibromoethane	8.59	107	137991	50.38	ug/L	100
51) Chlorobenzene	9.12	112	362567	51.03	ug/L	97
52) Ethylbenzene	9.25	91	623699	51.31	ug/L	100
53) m,p-Xylene	9.38	106	241504	51.63	ug/L	99
54) o-xylene	9.78	106	240310	52.07	ug/L	100
55) Styrene	9.80	104	404581	51.56	ug/L	99
56) Isopropylbenzene	10.17	105	646246	53.07	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	218316	50.77	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	177116	52.53	ug/L	100
61) Bromoform	9.96	173	119128	47.96	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	298481	51.87	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	297590	51.27	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	306221	53.17	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	51845	51.44	ug/L	91
67) 1,3,5-Trichlorobenzene	12.89	180	229861	49.96	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	200788	52.47	ug/L	99
69) Naphthalene	13.74	128	592879	56.09	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	209258	53.93	ug/L	99

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

