

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\
 Data File : VU027845.D
 Acq On : 29 Oct 2018 10:29
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05008

Quant Time: Oct 30 02:24:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	111629	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	105549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34444	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.68	69	27363	40.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.84%
11) 1,1-Dichloroethene-d2	2.28	63	65549	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.80%
21) 2-Butanone-d5	4.18	46	65259	88.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.17%
24) Chloroform-d	4.65	84	67557	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
26) 1,2-Dichloroethane-d4	5.31	65	46707	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
32) Benzene-d6	5.34	84	126682	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.28%
36) 1,2-Dichloropropane-d6	6.33	67	46131	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.98%
41) Toluene-d8	7.57	98	120731	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%
43) trans-1,3-Dichloropropene-	7.85	79	21910	42.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.08%
47) 2-Hexanone-d5	8.31	63	47417	86.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60672	43.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	46961	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	38835	42.81	ug/L	100
3) Chloromethane	1.33	50	43847	41.26	ug/L	99
5) Vinyl chloride	1.40	62	41953	41.62	ug/L	96
6) Bromomethane	1.63	94	18878	37.14	ug/L	98
8) Chloroethane	1.70	64	23712	43.58	ug/L	96
9) Trichlorofluoromethane	1.89	101	54995	45.28	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	30374	45.67	ug/L	97
12) 1,1-Dichloroethene	2.29	96	28087	45.16	ug/L	96
13) Acetone	2.32	43	58375	113.22	ug/L	99
14) Carbon disulfide	2.48	76	90887	41.96	ug/L	99
15) Methyl Acetate	2.62	43	46899	43.22	ug/L	99
16) Methylene chloride	2.70	84	33461	43.55	ug/L	94
17) trans-1,2-Dichloroethene	2.99	96	30019	43.63	ug/L	94
18) Methyl tert-butyl Ether	3.00	73	115199	44.79	ug/L	99
19) 1,1-Dichloroethane	3.45	63	66427	44.49	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	35171	43.21	ug/L	93
22) 2-Butanone	4.26	43	74154	96.66	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	17279	45.46	ug/L	99
25) Chloroform	4.68	83	66304	45.76	ug/L	99
27) 1,2-Dichloroethane	5.40	62	55567	44.19	ug/L	98
29) Cyclohexane	5.00	56	66831	44.17	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	58021	45.35	ug/L	98
31) Carbon tetrachloride	5.14	117	49961	43.40	ug/L	99
33) Benzene	5.39	78	141091	44.93	ug/L	100
34) Trichloroethene	6.19	95	34799	44.27	ug/L	98
35) Methylcyclohexane	6.42	83	60872	44.78	ug/L	100
37) 1,2-Dichloropropane	6.43	63	41888	45.15	ug/L	100
38) Bromodichloromethane	6.76	83	50382	43.70	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	62493	43.75	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	132524	88.88	ug/L	99
42) Toluene	7.64	91	146890	44.67	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	59444	43.99	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	34825	45.44	ug/L	96
46) Tetrachloroethene	8.23	164	27458	45.23	ug/L	97
48) 2-Hexanone	8.36	43	105707	91.42	ug/L	99
49) Dibromochloromethane	8.48	129	39134	43.10	ug/L	99
50) 1,2-Dibromoethane	8.59	107	36593	44.74	ug/L	95
51) Chlorobenzene	9.12	112	89122	44.21	ug/L	98
52) Ethylbenzene	9.25	91	168157	45.21	ug/L	99
53) m,p-Xylene	9.38	106	60168	44.78	ug/L	96
54) o-xylene	9.78	106	60109	44.88	ug/L	98
55) Styrene	9.79	104	101893	44.69	ug/L	99
56) Isopropylbenzene	10.17	105	162455	45.80	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	61576	45.19	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	48499	44.23	ug/L	100
61) Bromoform	9.96	173	29924	43.00	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	70946	45.33	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	71113	44.56	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	71458	44.39	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	14616	43.57	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	54446	44.97	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	49007	45.60	ug/L	98
69) Naphthalene	13.74	128	156699	45.14	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	51551	45.90	ug/L	97

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

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