

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026461.D
 Acq On : 30 Aug 2018 20:49
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Aug 31 04:26:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148153	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39334	41.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.14%
7) Chloroethane-d5	1.68	69	37951	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.76%
11) 1,1-Dichloroethene-d2	2.27	63	87016	40.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.70%
21) 2-Butanone-d5	4.18	46	72547	97.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	4.65	84	85812	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	5.31	65	56539	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.34	84	167436	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.33	67	56818	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.88%
41) Toluene-d8	7.57	98	160247	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%
43) trans-1,3-Dichloropropene-	7.85	79	24972	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.31	63	55644	103.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84595	48.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	67658	50.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.36%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	58997	48.95	ug/L	98
3) Chloromethane	1.33	50	75338	50.63	ug/L	100
5) Vinyl chloride	1.40	62	80527	49.91	ug/L	100
6) Bromomethane	1.62	94	49114	51.35	ug/L	99
8) Chloroethane	1.70	64	50406	52.04	ug/L	99
9) Trichlorofluoromethane	1.88	101	104073	50.73	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	52734	46.07	ug/L	98
12) 1,1-Dichloroethene	2.28	96	50301	45.59	ug/L	88
13) Acetone	2.32	43	58699	91.20	ug/L	99
14) Carbon disulfide	2.48	76	154846	49.60	ug/L	99
15) Methyl Acetate	2.62	43	64066	50.70	ug/L	98
16) Methylene chloride	2.70	84	58580	51.64	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	51575	51.68	ug/L	96
18) Methyl tert-butyl Ether	3.00	73	161684	53.37	ug/L	100
19) 1,1-Dichloroethane	3.45	63	102137	52.09	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	58718	52.52	ug/L	99
22) 2-Butanone	4.27	43	87672	101.34	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	30495	52.95	ug/L	94
25) Chloroform	4.68	83	104725	52.30	ug/L	98
27) 1,2-Dichloroethane	5.41	62	84008	52.02	ug/L	97
29) Cyclohexane	5.00	56	85246	52.81	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	86171	52.85	ug/L	99
31) Carbon tetrachloride	5.14	117	77921	52.60	ug/L	99
33) Benzene	5.39	78	227656	53.60	ug/L	100
34) Trichloroethene	6.19	95	55952	52.52	ug/L	98
35) Methylcyclohexane	6.42	83	87597	52.66	ug/L	98
37) 1,2-Dichloropropane	6.44	63	62927	53.52	ug/L	100
38) Bromodichloromethane	6.76	83	77397	51.62	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	87590	52.28	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	169849	107.11	ug/L	100
42) Toluene	7.64	91	239221	53.98	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	81990	51.34	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	56646	52.59	ug/L	99
46) Tetrachloroethene	8.23	164	49222	56.51	ug/L	97
48) 2-Hexanone	8.36	43	136503	109.30	ug/L	99
49) Dibromochloromethane	8.48	129	64906	53.48	ug/L	98
50) 1,2-Dibromoethane	8.59	107	61416	53.54	ug/L	98
51) Chlorobenzene	9.12	112	153322	51.73	ug/L	97
52) Ethylbenzene	9.25	91	257043	53.33	ug/L	99
53) m,p-Xylene	9.38	106	98430	54.69	ug/L	98
54) o-xylene	9.78	106	97097	55.32	ug/L	97
55) Styrene	9.79	104	168753	55.04	ug/L	97
56) Isopropylbenzene	10.17	105	248845	54.16	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	99975	52.69	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	75655	51.56	ug/L	99
61) Bromoform	9.96	173	50866	56.01	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	114797	53.32	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	117588	51.64	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	123061	54.19	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	20650	54.08	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	92373	53.16	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	81216	53.52	ug/L	98
69) Naphthalene	13.74	128	267621	56.48	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	90029	54.03	ug/L	99

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

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