

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
 Data File : VU026707.D
 Acq On : 12 Sep 2018 17:19
 Operator : MD/SY
 Sample : J4868-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3M7

Quant Time: Sep 13 13:44:22 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	234846	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	218566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	108283	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	68423	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.20%
7) Chloroethane-d5	1.66	69	60394	42.82	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	2.27	63	147851	47.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.42%
21) 2-Butanone-d5	4.18	46	130460	119.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.79%
24) Chloroform-d	4.65	84	142750	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
26) 1,2-Dichloroethane-d4	5.31	65	90729	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
32) Benzene-d6	5.34	84	274575	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
36) 1,2-Dichloropropane-d6	6.33	67	95866	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.57	98	251430	47.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.74%
43) trans-1,3-Dichloropropene-	7.85	79	44272	50.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.32%
47) 2-Hexanone-d5	8.31	63	100014	129.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	129.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	144817	55.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	106532	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	47242	31.96	ug/L	99
3) Chloromethane	1.33	50	52605	27.07	ug/L	100
5) Vinyl chloride	1.40	62	111237	55.40	ug/L	98
6) Bromomethane	1.60	94	18704	15.98	ug/L	95
8) Chloroethane	1.68	64	32504	26.10	ug/L	97
9) Trichlorofluoromethane	1.87	101	112115	44.28	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	31884	22.11	ug/L	98
12) 1,1-Dichloroethene	2.28	96	92243	66.61	ug/L	88
16) Methylene chloride	2.70	84	67061	41.04	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	29350	20.00	ug/L	99
19) 1,1-Dichloroethane	3.44	63	178880	62.86	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	65408	39.58	ug/L	97
23) Bromochloromethane	4.55	128	33489	39.62	ug/L	97
25) Chloroform	4.67	83	159071	55.62	ug/L	98
27) 1,2-Dichloroethane	5.40	62	151436	66.68	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	47816	20.65	ug/L	99
31) Carbon tetrachloride	5.13	117	125540	59.98	ug/L	99

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33) Benzene	5.39	78	283648	46.34	ug/L	100
34) Trichloroethene	6.19	95	122342	80.42	ug/L	99
37) 1,2-Dichloropropane	6.43	63	67189	39.29	ug/L	100
38) Bromodichloromethane	6.76	83	41744	19.92	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	60785	24.02	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	111084	47.19	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	38890	25.64	ug/L	98
46) Tetrachloroethene	8.23	164	87243	68.24	ug/L	99
49) Dibromochloromethane	8.48	129	67355	38.42	ug/L	96
50) 1,2-Dibromoethane	8.59	107	48363	29.81	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	104531	39.78	ug/L	99
61) Bromoform	9.96	173	67649	50.72	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	23457	44.19	ug/L	95

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

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