

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022219\
 Data File : VU029619.D
 Acq On : 22 Feb 2019 14:35
 Operator : JC/SP
 Sample : K1581-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB5Y8

Quant Time: Feb 22 22:57:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 22 22:13:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	482886	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136353	38.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.06%
7) Chloroethane-d5	1.67	69	124873	39.70	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.27	63	301543	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
21) 2-Butanone-d5	4.18	46	211626	98.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.28%
24) Chloroform-d	4.64	84	268886	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
26) 1,2-Dichloroethane-d4	5.31	65	169118	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.34	84	542145	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
36) 1,2-Dichloropropane-d6	6.32	67	172831	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	7.56	98	518684	42.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.16%
43) trans-1,3-Dichloropropene-	7.85	79	84075	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.31	63	190105	95.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	286716	47.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	240952	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	97215	29.361	ug/L	99
3) Chloromethane	1.32	50	80454	27.699	ug/L	99
5) Vinyl chloride	1.40	62	217078	55.030	ug/L	100
6) Bromomethane	1.61	94	40929	22.734	ug/L	99
8) Chloroethane	1.68	64	67761	25.826	ug/L	96
9) Trichlorofluoromethane	1.88	101	251121	39.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	68221	20.282	ug/L	99
12) 1,1-Dichloroethene	2.28	96	200825	62.802	ug/L	83
16) Methylene chloride	2.70	84	137777	44.526	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	63003	21.346	ug/L	100
19) 1,1-Dichloroethane	3.44	63	345692	67.736	ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	145082	42.304	ug/L	98
23) Bromochloromethane	4.54	128	76954	40.932	ug/L	94
25) Chloroform	4.67	83	342248	60.106	ug/L	99
27) 1,2-Dichloroethane	5.40	62	310798	70.993	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	100848	20.048	ug/L	99
31) Carbon tetrachloride	5.13	117	266940	58.631	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

33) Benzene	5.39	78	589622	48.476	ug/L	100
34) Trichloroethene	6.18	95	280120	85.490	ug/L	96
37) 1,2-Dichloropropane	6.43	63	130809	40.969	ug/L	99
38) Bromodichloromethane	6.75	83	85610	19.889	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	128641	24.972	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	231755	47.736	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	87336	25.663	ug/L	97
46) Tetrachloroethene	8.22	164	217010	67.665	ug/L	99
49) Dibromochloromethane	8.47	129	152748	37.023	ug/L	97
50) 1,2-Dibromoethane	8.58	107	114293	30.312	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.45	83	227374	37.782	ug/L	98
61) Bromoform	9.95	173	154864	45.280	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	50196	38.162	ug/L	90

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

