

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122420\
 Data File : VU041800.D
 Acq On : 24 Dec 2020 10:33
 Operator : SY/MD
 Sample : L5183-01 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2T97

Quant Time: Dec 25 02:55:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 02:17:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	334072	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	312379	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	131622	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	138470	55.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.92%
7) Chloroethane-d5	1.92	69	110500	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.56%
11) 1,1-Dichloroethene-d2	2.58	63	236137	53.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.86%
21) 2-Butanone-d5	4.64	46	175169	92.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.08	84	215098	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.71	65	133290	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.74	84	428001	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.58%
36) 1,2-Dichloropropane-d6	6.70	67	134268	47.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.86%
41) Toluene-d8	7.90	98	392437	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%
43) trans-1,3-Dichloropropene-	8.18	79	64145	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.74%
47) 2-Hexanone-d5	8.64	63	146271	95.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.75%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	197774	46.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.86%
66) 1,2-Dichlorobenzene-d4	12.19	152	142391	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	318305	112.569	ug/L	98
12) 1,1-Dichloroethene	2.59	96	95923	44.733	ug/L	# 84
22) 2-Butanone	4.72	43	83320	40.765	ug/L	100
25) Chloroform	5.10	83	169205	39.522	ug/L	98
27) 1,2-Dichloroethane	5.81	62	84964	25.433	ug/L	98
31) Carbon tetrachloride	5.54	117	194051	57.364	ug/L	100
33) Benzene	5.79	78	584947	59.229	ug/L	100
34) Trichloroethene	6.55	95	145496	56.860	ug/L	98
46) Tetrachloroethene	8.56	164	96017	48.347	ug/L	99
51) Chlorobenzene	9.45	112	336925	50.586	ug/L	99
65) 1,4-Dichlorobenzene	11.83	146	184412	42.305	ug/L	99

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

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