

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100720\
 Data File : VU040543.D
 Acq On : 07 Oct 2020 14:14
 Operator : SY/MD
 Sample : L4153-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2N55

Quant Time: Oct 08 01:42:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 01:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	288360	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	275667	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	133563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	107341	43.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.68%
7) Chloroethane-d5	1.91	69	72583	38.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.94%
11) 1,1-Dichloroethene-d2	2.58	63	198178	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
21) 2-Butanone-d5	4.64	46	206800	105.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.22%
24) Chloroform-d	5.08	84	189019	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
26) 1,2-Dichloroethane-d4	5.72	65	138562	46.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.16%
32) Benzene-d6	5.74	84	379506	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
36) 1,2-Dichloropropane-d6	6.70	67	125795	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.68%
41) Toluene-d8	7.90	98	341350	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	8.18	79	61009	46.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.70%
47) 2-Hexanone-d5	8.64	63	139404	113.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.72%
56) 1,1,2,2-Tetrachloroethane-	10.76	84	183703	48.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.74%
66) 1,2-Dichlorobenzene-d4	12.19	152	132685	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	178445	61.768	ug/L	99
8) Chloroethane	1.93	64	179185	102.799	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	123162	55.754	ug/L	98
12) 1,1-Dichloroethene	2.59	96	78785	38.575	ug/L	96
17) trans-1,2-Dichloroethene	3.37	96	172546	79.320	ug/L	97
27) 1,2-Dichloroethane	5.81	62	102707	28.132	ug/L	100
29) Cyclohexane	5.40	56	197621	53.540	ug/L	99
30) 1,1,1-Trichloroethane	5.33	97	164878	46.570	ug/L	100
31) Carbon tetrachloride	5.54	117	86932	28.395	ug/L	100
33) Benzene	5.79	78	342724	38.464	ug/L	100
34) Trichloroethene	6.55	95	41924	18.265	ug/L	99
38) Bromodichloromethane	7.11	83	238158	74.934	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	412261	106.781	ug/L	99
46) Tetrachloroethene	8.56	164	140595	84.770	ug/L	96
51) Chlorobenzene	9.45	112	393525	65.955	ug/L	99
52) Ethylbenzene	9.57	91	489160	48.445	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	82734	18.917	ug/L	97

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67) 1,2-Dichlorobenzene	12.21	146	274042	62.548	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.99	75	108835	127.680	ug/L	98

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

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