

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101123\
 Data File : VU055748.D
 Acq On : 11 Oct 2023 15:22
 Operator : MD/SY
 Sample : 04792-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B4

Quant Time: Oct 12 01:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 12 01:53:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	422813	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	433401	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	210777	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	150617	39.715	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.420%
7) Chloroethane-d5	1.885	69	127131	41.009	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.020%
11) 1,1-Dichloroethene-d2	2.557	63	219606	32.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.960%
21) 2-Butanone-d5	4.615	46	254872	90.697	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.700%
24) Chloroform-d	5.055	84	314830	43.302	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.695	65	209068	46.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.721	84	617535	44.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.060%
36) 1,2-Dichloropropane-d6	6.685	67	198313	45.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.340%
41) Toluene-d8	7.894	98	537835	42.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%
43) trans-1,3-Dichloroprop...	8.174	79	88964	42.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.380%
47) 2-Hexanone-d5	8.631	63	174937	101.365	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.370%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	332979	49.277	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	12.190	152	207914	49.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.420%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	9048	2.468	ug/L #	79
12) 1,1-Dichloroethene	2.567	96	8506	2.838	ug/L #	1
17) trans-1,2-Dichloroethene	3.348	96	12405	4.047	ug/L	94
19) 1,1-Dichloroethane	3.869	63	14068	2.238	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	1972908	563.975	ug/L	99
25) Chloroform	5.081	83	4353	0.663	ug/L	98
29) Cyclohexane	5.386	56	4102	0.826	ug/L #	64
31) Carbon tetrachloride	5.518	117	6633	1.353	ug/L	94
33) Benzene	5.769	78	29448	2.149	ug/L	100
34) Trichloroethene	6.537	95	155298	41.428	ug/L	98
46) Tetrachloroethene	8.550	164	622940	232.104	ug/L	98

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

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