

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061275.D
 Acq On : 28 Oct 2024 19:31
 Operator : MD/SY
 Sample : VIBLK058
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK058

Quant Time: Oct 29 02:11:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 02:07:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	280714	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	252922	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	114175	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88859	45.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.140%
7) Chloroethane-d5	1.904	69	71773	41.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	2.560	63	125572	34.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.220%
21) 2-Butanone-d5	4.615	46	129440	79.590	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.590%
24) Chloroform-d	5.052	84	164451	39.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.820%
26) 1,2-Dichloroethane-d4	5.692	65	109146	41.089	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.180%
32) Benzene-d6	5.718	84	353060	43.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.679	67	106565	43.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.000%
41) Toluene-d8	7.891	98	323560	42.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.171	79	52753	42.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.160%
47) 2-Hexanone-d5	8.624	63	100831	80.425	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	153235	39.288	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.580%
66) 1,2-Dichlorobenzene-d4	12.184	152	112144	44.369	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.740%

Target Compounds					Qvalue
5) Vinyl chloride	1.599	62	5325	2.674 ug/L	# 73
12) 1,1-Dichloroethene	2.570	96	3950	2.577 ug/L	# 1
14) Carbon disulfide	2.785	76	27042	5.770 ug/L	98
17) trans-1,2-Dichloroethene	3.351	96	6632	3.959 ug/L	88
20) cis-1,2-Dichloroethene	4.660	96	3932	1.974 ug/L	92
34) Trichloroethene	6.541	95	4229	2.254 ug/L	84
39) cis-1,3-Dichloropropene	7.602	75	4163	1.369 ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	5190	1.834 ug/L	96
46) Tetrachloroethene	8.550	164	2161	1.602 ug/L	95
51) Chlorobenzene	9.441	112	8188	1.635 ug/L	96
53) m,p-Xylene	9.692	106	3906	1.212 ug/L	92
55) Styrene	10.113	104	7561	1.454 ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	8225	1.348 ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	9972	1.660 ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	10324	3.075 ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	13294	3.896 ug/L	94
67) 1,2-Dichlorobenzene	12.203	146	9211	2.719 ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.991	75	2210	3.386 ug/L	89
70) 1,2,4-trichlorobenzene	13.836	180	19193	9.972 ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	14.322	180	21893	11.647	ug/L	96

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

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