

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055650.D
 Acq On : 03 Oct 2023 19:23
 Operator : MD/SY
 Sample : 04679-19 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1(20230928)

Quant Time: Oct 04 04:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174529	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	186034	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88978	5.044	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.800%	
7) Chloroethane-d5	1.910	69	70032	4.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.563	65	34360	4.732	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.600%	
20) 2-Butanone-d5	4.627	46	134240	42.133	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	84.260%	
24) Chloroform-d	5.061	84	146477	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.701	65	70744	4.610	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.724	84	294590	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.688	67	90200	4.639	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.897	98	253958	4.282	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	8.180	79	30725	4.503	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.634	63	80140	38.616	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.240%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64563	4.431	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	89688	4.406	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	3479	0.216	ug/L	# 48
16) Methylene chloride	3.042	84	7109	0.486	ug/L	88
22) cis-1,2-Dichloroethene	4.663	96	113735	7.976	ug/L	97
34) Trichloroethene	6.541	95	21344	1.409	ug/L	93
42) Toluene	7.968	91	473950	8.298	ug/L	100
47) Tetrachloroethene	8.550	164	61002	5.615	ug/L	96
51) Chlorobenzene	9.447	112	21556	0.589	ug/L	99
52) Ethylbenzene	9.573	91	19513	0.319	ug/L	92
53) m,p-Xylene	9.692	106	27479	1.198	ug/L	95
54) o-Xylene	10.100	106	9808	0.440	ug/L	91
63) 1,2,4-Trimethylbenzene	11.470	105	10347	0.227	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	17280	0.621	ug/L	93
65) 1,4-Dichlorobenzene	11.836	146	96712	3.477	ug/L	99
67) 1,2-Dichlorobenzene	12.212	146	29910	1.172	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	275928	18.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	48913	3.847	ug/L	96

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