

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061053.D
 Acq On : 01 Oct 2024 19:03
 Operator : MD/SY
 Sample : P4227-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2(MCUA)(20240926)

Quant Time: Oct 02 02:37:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	177079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56379	4.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.911	69	43340	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	25380	4.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.627	46	147780	48.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.460%
24) Chloroform-d	5.055	84	103484	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	58029	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	207281	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	68833	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	190531	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.177	79	27886	4.568	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.627	63	124581	49.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49672	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60364	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds					Qvalue	
3) Chloromethane	1.518	50	2724	0.219	ug/L	95
5) Vinyl chloride	1.602	62	12030	0.961	ug/L	97
16) Methylene chloride	3.039	84	2335	0.199	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	8151	0.727	ug/L	95
19) 1,1-Dichloroethane	3.862	63	22368	1.025	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	352388	28.227	ug/L	92
27) 1,2-Dichloroethane	5.795	62	6473	0.450	ug/L	97
33) Benzene	5.769	78	9912	0.204	ug/L	100
51) Chlorobenzene	9.441	112	17643	0.559	ug/L #	88
64) 1,3-Dichlorobenzene	11.743	146	8448	0.382	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	12757	0.584	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	3415	0.167	ug/L #	92
70) 1,2,4-trichlorobenzene	13.839	180	17552	1.471	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	13152	1.325	ug/L	96

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

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