

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061051.D
 Acq On : 01 Oct 2024 18:14
 Operator : MD/SY
 Sample : P4227-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-8D(20240926)DL

Quant Time: Oct 02 02:37:13 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	187122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57568	4.303	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.911	69	42056	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.554	65	26263	4.450	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.634	46	152191	47.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.980%
24) Chloroform-d	5.052	84	105922	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.692	65	57617	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.717	84	212480	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.682	67	71341	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.891	98	194908	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	29009	4.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.637	63	129633	48.141	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.280%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51845	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	64117	4.746	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds	Qvalue					
5) Vinyl chloride	1.599	62	7738	0.585	ug/L	94
16) Methylene chloride	3.039	84	2569	0.207	ug/L	88
18) trans-1,2-Dichloroethene	3.348	96	3535	0.298	ug/L	96
19) 1,1-Dichloroethane	3.856	63	26118	1.133	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	73051	5.538	ug/L	92
27) 1,2-Dichloroethane	5.795	62	5843	0.384	ug/L	100
33) Benzene	5.772	78	8375	0.162	ug/L	100
51) Chlorobenzene	9.444	112	7271	0.216	ug/L	87
64) 1,3-Dichlorobenzene	11.746	146	6887	0.284	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	40890	1.708	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	3772	0.289	ug/L	97

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

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