

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061073.D
 Acq On : 02 Oct 2024 14:00
 Operator : MD/SY
 Sample : P4227-09DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-5(20240926)DL

Quant Time: Oct 03 06:29:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	182130	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	171208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80114	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53713	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.911	69	42593	4.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.563	65	24489	4.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.634	46	151543	48.586	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.180%
24) Chloroform-d	5.055	84	101803	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	55782	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.718	84	203485	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	69235	4.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	187212	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	8.174	79	28104	4.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.628	63	122600	46.727	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50248	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	61228	4.780	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%

Target Compounds				Qvalue		
5) Vinyl chloride	1.602	62	2319	0.180	ug/L #	65
22) cis-1,2-Dichloroethene	4.660	96	69717	5.430	ug/L	94
42) Toluene	7.962	91	196590	3.656	ug/L	100
47) Tetrachloroethene	8.547	164	4344	0.488	ug/L	86
51) Chlorobenzene	9.441	112	16326	0.498	ug/L	94
52) Ethylbenzene	9.566	91	9515	0.156	ug/L	97
53) m,p-Xylene	9.689	106	13421	0.604	ug/L	95
54) o-Xylene	10.100	106	4001	0.183	ug/L	87
63) 1,2,4-Trimethylbenzene	11.467	105	6571	0.138	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	10387	0.452	ug/L	91
65) 1,4-Dichlorobenzene	11.830	146	57479	2.532	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	13279	0.626	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	95577	7.713	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	15806	1.533	ug/L #	94

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

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