

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102424\  
 Data File : VU061202.D  
 Acq On : 24 Oct 2024 16:34  
 Operator : MD/SY  
 Sample : P4533-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 GCNW8

Quant Time: Oct 25 02:37:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 25 02:35:03 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
<b>Internal Standards</b>						
1) 1,4-Difluorobenzene	6.242	114	194834	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	179589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81882	5.000	ug/L	0.00
<b>System Monitoring Compounds</b>						
4) Vinyl Chloride-d3	1.595	65	55055	4.160	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery =	83.200%		
7) Chloroethane-d5	1.907	69	53683	4.424	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery =	88.400%		
11) 1,1-Dichloroethene-d2	2.560	65	24757	4.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery =	87.400%		
20) 2-Butanone-d5	4.624	46	119803	44.584	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery =	89.160%		
24) Chloroform-d	5.055	84	110667	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	88.200%		
26) 1,2-Dichloroethane-d4	5.695	65	59761	4.773	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	95.400%		
32) Benzene-d6	5.718	84	229313	4.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	90.600%		
36) 1,2-Dichloropropane-d6	6.682	67	70387	4.627	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery =	92.600%		
41) Toluene-d8	7.891	98	215305	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	91.000%		
43) trans-1,3-Dichloroprop...	8.174	79	27834	4.482	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery =	89.600%		
46) 2-Hexanone-d5	8.627	63	115353	45.352	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery =	90.700%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52552	4.568	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	68281	4.709	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery =	94.200%		
<b>Target Compounds</b>						
8) Chloroethane	1.927	64	33755	3.044	ug/L	98
19) 1,1-Dichloroethane	3.869	63	3643	0.152	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	4757	0.327	ug/L	86
30) Cyclohexane	5.377	56	28345	1.285	ug/L	97
35) Methylcyclohexane	6.750	83	6351	0.264	ug/L #	52
51) Chlorobenzene	9.444	112	7357	0.193	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	14964	0.604	ug/L	98

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

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