

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061050.D
 Acq On : 01 Oct 2024 17:50
 Operator : MD/SY
 Sample : P4227-05 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 02 02:37:06 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	190190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	177087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55878	4.109	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.907	69	41931	4.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.554	65	25562	4.261	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.634	46	152428	46.798	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.600%
24) Chloroform-d	5.052	84	102477	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.692	65	57639	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.718	84	210264	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.682	67	69034	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.891	98	191083	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.174	79	28535	4.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.637	63	127824	47.101	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51843	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	62357	4.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	6188	0.460	ug/L	84
16) Methylene chloride	3.036	84	2416	0.192	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	4117	0.342	ug/L	74
19) 1,1-Dichloroethane	3.859	63	20491	0.875	ug/L #	93
22) cis-1,2-Dichloroethene	4.653	96	92654	6.910	ug/L	94
27) 1,2-Dichloroethane	5.798	62	2207	0.143	ug/L #	72
33) Benzene	5.766	78	7879	0.151	ug/L	100
35) Methylcyclohexane	6.682	83	15785	0.691	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	7960	0.579	ug/L #	93
51) Chlorobenzene	9.441	112	43211	1.276	ug/L	95
61) 1,2,3-Trichloropropane	11.740	75	17650	2.070	ug/L #	48
64) 1,3-Dichlorobenzene	11.740	146	47497	1.909	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	265752	10.805	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	4220	0.184	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.839	180	16209	0.925	ug/L #	97
70) 1,2,4-trichlorobenzene	13.839	180	16209	1.207	ug/L	96

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

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