

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061112.D
 Acq On : 11 Oct 2024 12:35
 Operator : MD/SY
 Sample : P4380-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27H7

Quant Time: Oct 14 04:18:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162565	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	149361	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42194	3.630	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.908	69	38080	4.377	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	19562	3.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.634	46	110363	39.641	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.280%
24) Chloroform-d	5.052	84	95317	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.695	65	48881	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.718	84	183104	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.682	67	62910	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	167349	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	23483	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.624	63	111498	48.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.420%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46574	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	60614	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3405	0.296	ug/L #	37
13) Acetone	2.647	43	133375	74.491	ug/L	98
14) Carbon disulfide	2.785	76	16395	0.514	ug/L	98
21) 2-Butanone	4.721	43	28153	9.551	ug/L	97
30) Cyclohexane	5.377	56	1591	0.083	ug/L #	62
33) Benzene	5.766	78	260098	5.907	ug/L	100
35) Methylcyclohexane	6.750	83	1999	0.104	ug/L #	82
42) Toluene	7.962	91	197411	4.208	ug/L	98
52) Ethylbenzene	9.566	91	17536	0.330	ug/L	97
53) m,p-Xylene	9.685	106	46971	2.422	ug/L	91
54) o-Xylene	10.094	106	28318	1.484	ug/L	95
60) Isopropylbenzene	10.480	105	3635	0.073	ug/L	93
62) 1,3,5-Trimethylbenzene	11.081	105	29073	0.658	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	54503	1.223	ug/L	96

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

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