

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101024\
 Data File : VU061091.D
 Acq On : 10 Oct 2024 15:59
 Operator : MD/SY
 Sample : P4380-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E27H5

Quant Time: Oct 11 06:49:20 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	6.261	114	173093	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.415	117	158344	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	41268	3.335	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.923	69	34487	3.723	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.567	65	18673	3.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.727	46	105739	35.670	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.340%
24) Chloroform-d	5.078	84	86327	3.958	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.724	65	45911	3.971	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.740	84	168357	4.032	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.701	67	57705	4.209	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.901	98	154784	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.184	79	22230	3.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.643	63	99968	41.197	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41075	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	54197	4.408	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	7287	0.596	ug/L	90
13) Acetone	2.747	43	21776	11.422	ug/L	65
18) trans-1,2-Dichloroethene	3.351	96	7018	0.641	ug/L	92
22) cis-1,2-Dichloroethene	4.676	96	133281	10.922	ug/L	96
30) Cyclohexane	5.396	56	2295	0.112	ug/L #	80
33) Benzene	5.792	78	30055	0.644	ug/L	100
34) Trichloroethene	6.550	95	129290	10.218	ug/L	97
35) Methylcyclohexane	6.769	83	1680	0.082	ug/L #	58
42) Toluene	7.968	91	1111181	22.345	ug/L	99
47) Tetrachloroethene	8.553	164	2380270	289.035	ug/L	95
52) Ethylbenzene	9.569	91	15328	0.272	ug/L	97
53) m,p-Xylene	9.688	106	34716	1.689	ug/L	90
54) o-Xylene	10.097	106	15974	0.790	ug/L	87
62) 1,3,5-Trimethylbenzene	11.084	105	19798	0.437	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	33529	0.733	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	3576	0.301	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.325	180	1578	0.159	ug/L	95

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

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