

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061661.D
 Acq On : 14 Nov 2024 10:43
 Operator : MD/SY
 Sample : P4803-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AQ2

Quant Time: Nov 15 00:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	186484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90512	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	56576	4.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.911	69	50305	4.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.563	65	25679	4.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.631	46	127475	47.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.640%
24) Chloroform-d	5.052	84	114578	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	58724	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.717	84	243413	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	75035	4.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	219092	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	24792	4.423	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.630	63	108422	48.954	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.900%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	56709	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	78775	4.887	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.602	62	122890	8.408	ug/L	99
12) 1,1-Dichloroethene	2.576	96	154557	13.034	ug/L	# 74
16) Methylene chloride	3.039	84	287228	21.017	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	193252	14.857	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	81855	5.580	ug/L	99
27) 1,2-Dichloroethane	5.788	62	41854	2.668	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	258453	12.179	ug/L	100
31) Carbon tetrachloride	5.515	117	186282	10.306	ug/L	99
33) Benzene	5.766	78	973070	17.241	ug/L	100
34) Trichloroethene	6.534	95	68937	4.524	ug/L	94
37) 1,2-Dichloropropane	6.782	63	196827	13.746	ug/L	100
42) Toluene	7.962	91	1145968	18.858	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	39710	3.804	ug/L	95
47) Tetrachloroethene	8.547	164	152508	13.318	ug/L	98
51) Chlorobenzene	9.438	112	452961	11.580	ug/L	99
52) Ethylbenzene	9.560	91	1105851	17.084	ug/L	100
53) m,p-Xylene	9.682	106	376677	15.208	ug/L	98
54) o-Xylene	10.090	106	147045	6.108	ug/L	99
55) Styrene	10.106	104	739373	19.290	ug/L	95

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65) 1,4-Dichlorobenzene	11.826	146	428870	14.672	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	420720	15.715	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	101982	6.547	ug/L	98

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

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