

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058161.D
 Acq On : 19 Mar 2024 17:37
 Operator : MD/SY
 Sample : P1796-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFZ7

Quant Time: Mar 20 05:22:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	128771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41085	4.171	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.904	69	38662	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.557	65	19129	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.615	46	89333	55.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.100%
24) Chloroform-d	5.052	84	87183	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	40879	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.718	84	176048	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.682	67	56516	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	148289	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.174	79	15975	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.624	63	71061	53.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	34518	4.934	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	48946	5.059	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.512	50	46399	4.784	ug/L	98
6) Bromomethane	1.850	94	23787	4.329	ug/L	98
9) Trichlorofluoromethane	2.129	101	133824	9.005	ug/L	100
12) 1,1-Dichloroethene	2.573	96	34224	4.143	ug/L	95
13) Acetone	2.618	43	142290	117.817	ug/L	99
14) Carbon disulfide	2.785	76	162941	6.380	ug/L	99
16) Methylene chloride	3.033	84	28260	2.815	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	190790	9.768	ug/L	99
19) 1,1-Dichloroethane	3.856	63	195401	10.888	ug/L	99
21) 2-Butanone	4.686	43	308726	162.230	ug/L	100
27) 1,2-Dichloroethane	5.782	62	87758	8.651	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	153934	10.044	ug/L	99
30) Cyclohexane	5.377	56	208565	13.476	ug/L	98
34) Trichloroethene	6.534	95	66005	6.349	ug/L	97
35) Methylcyclohexane	6.756	83	122856	7.709	ug/L	99
37) 1,2-Dichloropropane	6.782	63	26332	2.584	ug/L	# 96
42) Toluene	7.962	91	415704	10.102	ug/L	100
47) Tetrachloroethene	8.547	164	73264	10.157	ug/L	97
48) 2-Hexanone	8.676	43	238748	69.455	ug/L	99

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

50) 1,2-Dibromoethane	8.917	107	103661	19.333	ug/L	97
51) Chlorobenzene	9.438	112	321743	12.468	ug/L	96
52) Ethylbenzene	9.563	91	343388	7.457	ug/L	98
53) m,p-Xylene	9.689	106	257362	15.643	ug/L	100
54) o-Xylene	10.094	106	100982	6.158	ug/L	98
55) Styrene	10.107	104	162847	6.327	ug/L	98
59) Bromoform	10.283	173	19740	6.025	ug/L	99
60) Isopropylbenzene	10.476	105	166559	4.257	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	84419	4.850	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	221595	14.272	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	4506	4.719	ug/L	94
72) 1,2,3-Trichlorobenzene	14.325	180	86881	11.443	ug/L	99

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

