

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061311.D
 Acq On : 31 Oct 2024 15:01
 Operator : MD/SY
 Sample : P4629-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCP34

Quant Time: Oct 31 23:59:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 31 23:55:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77407	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	60664	5.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.907	69	56621	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.560	65	25308	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.624	46	121635	50.378	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.760%
24) Chloroform-d	5.052	84	112888	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	59938	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.718	84	238606	5.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.682	67	73696	5.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.891	98	219828	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.174	79	27920	5.060	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.627	63	113488	50.217	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.440%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53280	5.212	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	72514	5.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%

Target Compounds					Qvalue	
5) Vinyl chloride	1.599	62	400944	29.630	ug/L	99
12) 1,1-Dichloroethene	2.573	96	102875	9.939	ug/L	87
16) Methylene chloride	3.039	84	117163	9.606	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	83057	7.257	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	131906	10.090	ug/L	99
27) 1,2-Dichloroethane	5.785	62	177017	12.342	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	292089	14.948	ug/L	99
31) Carbon tetrachloride	5.515	117	109556	6.553	ug/L	98
33) Benzene	5.763	78	662942	13.434	ug/L	100
34) Trichloroethene	6.537	95	46806	3.487	ug/L	99
37) 1,2-Dichloropropane	6.782	63	190630	15.240	ug/L	100
42) Toluene	7.962	91	539541	10.068	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	38806	4.311	ug/L	98
47) Tetrachloroethene	8.547	164	133988	14.291	ug/L	99
51) Chlorobenzene	9.438	112	381940	11.276	ug/L	99
52) Ethylbenzene	9.563	91	859705	14.584	ug/L	100
53) m,p-Xylene	9.682	106	387646	17.262	ug/L	97
54) o-Xylene	10.094	106	144307	6.511	ug/L	97
55) Styrene	10.106	104	227431	6.401	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.830	146	224905	8.865	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	287384	12.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	239594	17.403	ug/L	98

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

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