

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058240.D
 Acq On : 28 Mar 2024 15:31
 Operator : MD/SY
 Sample : P1902-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB0

Quant Time: Mar 29 01:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71848	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	68649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22168	3.651	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.907	69	21781	4.395	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.800%	
11) 1,1-Dichloroethene-d2	2.560	65	9614	3.814	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.624	46	58029	53.797	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.600%	
24) Chloroform-d	5.052	84	48846	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.695	65	24158	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.721	84	93336	4.186	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
36) 1,2-Dichloropropane-d6	6.682	67	30549	4.649	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.891	98	76441	3.870	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	8.174	79	9338	4.435	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.627	63	43209	50.672	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.340%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20916	4.886	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	28931	4.773	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	17637	4.282	ug/L	99
12) 1,1-Dichloroethene	2.573	96	72695	20.182	ug/L #	67
16) Methylene chloride	3.036	84	67875	13.298	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	89460	23.764	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	17024	3.660	ug/L	92
27) 1,2-Dichloroethane	5.785	62	64913	12.890	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	26097	3.677	ug/L	99
31) Carbon tetrachloride	5.518	117	19296	3.194	ug/L	96
33) Benzene	5.766	78	126467	7.014	ug/L	100
34) Trichloroethene	6.534	95	17879	3.806	ug/L	96
37) 1,2-Dichloropropane	6.785	63	18208	3.615	ug/L #	94
42) Toluene	7.962	91	183226	9.618	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	37537	11.832	ug/L	98
47) Tetrachloroethene	8.547	164	63775	20.270	ug/L	97
51) Chlorobenzene	9.441	112	159798	13.019	ug/L	99
52) Ethylbenzene	9.563	91	88300	4.151	ug/L	100
53) m,p-Xylene	9.685	106	171078	22.572	ug/L	97
54) o-Xylene	10.094	106	50421	6.590	ug/L	99
55) Styrene	10.106	104	178330	14.762	ug/L	95

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65) 1,4-Dichlorobenzene	11.830	146	23295	2.647	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	144421	17.149	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	24019	5.057	ug/L	98

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

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