

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058236.D
 Acq On : 28 Mar 2024 13:51
 Operator : MD/SY
 Sample : P1902-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB0

Quant Time: Mar 29 01:09:47 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	71934	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	69365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23235	3.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	21872	4.408	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.563	65	9896	3.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.624	46	52611	48.716	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	5.055	84	46884	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.695	65	22805	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.721	84	91510	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.685	67	29250	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	75899	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	8689	4.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.627	63	39229	45.529	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19695	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	26445	4.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	19957	4.839	ug/L	98
12) 1,1-Dichloroethene	2.576	96	79535	22.055	ug/L #	64
16) Methylene chloride	3.036	84	73665	14.415	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	96873	25.703	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	18554	3.984	ug/L	96
27) 1,2-Dichloroethane	5.785	62	70185	13.921	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	28358	3.954	ug/L	97
31) Carbon tetrachloride	5.518	117	21293	3.488	ug/L	96
33) Benzene	5.766	78	138111	7.581	ug/L	100
34) Trichloroethene	6.538	95	19167	4.038	ug/L	97
37) 1,2-Dichloropropane	6.785	63	19377	3.807	ug/L #	95
42) Toluene	7.962	91	198676	10.321	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	41042	12.803	ug/L	97
47) Tetrachloroethene	8.547	164	69661	21.912	ug/L	98
51) Chlorobenzene	9.441	112	172009	13.869	ug/L	100
52) Ethylbenzene	9.563	91	96720	4.500	ug/L	98
53) m,p-Xylene	9.685	106	190793	24.913	ug/L	96
54) o-Xylene	10.094	106	55487	7.177	ug/L	100
55) Styrene	10.110	104	196064	16.062	ug/L	93

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65) 1,4-Dichlorobenzene	11.830	146	25364	2.926	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	155803	18.786	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	25551	5.463	ug/L	97

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

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