

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059702.D
 Acq On : 01 Jul 2024 22:29
 Operator : MD/SY
 Sample : P3121-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBH0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 03:55:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	213839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	118058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48283	3.242	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.907	69	50561	3.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.557	65	21457	3.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.634	46	157411	51.314	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.620%
24) Chloroform-d	5.055	84	119993	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.695	65	60696	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.717	84	242972	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	78717	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.891	98	220371	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.174	79	24857	4.402	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.627	63	147996	63.076	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	73568	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	97783	4.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	238063	11.034	ug/L	99
12) 1,1-Dichloroethene	2.573	96	3527	0.232	ug/L #	1
13) Acetone	2.653	43	12547	6.305	ug/L	60
14) Carbon disulfide	2.785	76	14654m	0.289	ug/L	
15) Methyl Acetate	2.956	43	49252	9.379	ug/L	93
18) trans-1,2-Dichloroethene	3.351	96	5267	0.333	ug/L	82
21) 2-Butanone	4.721	43	19122	5.991	ug/L #	60
22) cis-1,2-Dichloroethene	4.653	96	4324131	248.339	ug/L	94
30) Cyclohexane	5.373	56	1956	0.090	ug/L #	78
33) Benzene	5.769	78	10922	0.168	ug/L	100
34) Trichloroethene	6.534	95	89067	5.065	ug/L	96
42) Toluene	7.965	91	20593	0.300	ug/L	99
47) Tetrachloroethene	8.547	164	24348	1.784	ug/L	91
48) 2-Hexanone	8.685	43	22501	4.049	ug/L #	97
52) Ethylbenzene	9.566	91	52248	0.741	ug/L	95
53) m,p-Xylene	9.688	106	78318	2.891	ug/L	99
54) o-Xylene	10.097	106	19621	0.763	ug/L	90
62) 1,3,5-Trimethylbenzene	11.084	105	18533	0.321	ug/L	93
63) 1,2,4-Trimethylbenzene	11.463	105	89897	1.627	ug/L	97

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

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