

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055538.D
 Acq On : 27 Sep 2023 00:43
 Operator : MD/SY
 Sample : 04530-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Quant Time: Sep 27 06:37:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	190971	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98639	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	343676	17.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	356.200%#
7) Chloroethane-d5	1.904	69	54217	3.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.800%#
11) 1,1-Dichloroethene-d2	2.563	65	32206	4.054	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.634	46	199617	57.258	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.520%
24) Chloroform-d	5.058	84	142531	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.698	65	76738	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	291611	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	91274	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	250261	3.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	34442	4.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.631	63	127926	58.087	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83856	5.423	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	95488	4.796	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
5) Vinyl chloride	1.589	62	19644600m	1113.268	ug/L	
12) 1,1-Dichloroethene	2.576	96	41377	3.099	ug/L	89
14) Carbon disulfide	2.792	76	18063	0.450	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	181054	13.453	ug/L	99
22) cis-1,2-Dichloroethene	4.644	96	28905483m	1852.560	ug/L	
27) 1,2-Dichloroethane	5.788	62	4712m	0.292	ug/L	
33) Benzene	5.772	78	79134	1.393	ug/L	100
34) Trichloroethene	6.541	95	18796	1.169	ug/L	97
42) Toluene	7.971	91	14166	0.234	ug/L	99
47) Tetrachloroethene	8.550	164	2101	0.182	ug/L	93
70) 1,2,4-trichlorobenzene	13.849	180	4781	0.335	ug/L	88

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

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