

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053956.D
 Acq On : 27 Apr 2023 23:42
 Operator : JC/MD
 Sample : 02528-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA35

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 07:22:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	135818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130959	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28354	3.427	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.912	69	27319	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.565	65	13651	4.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.639	46	75525	49.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.700%
24) Chloroform-d	5.057	84	71924	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.700	65	33734	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.726	84	133402	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.687	67	43141	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.896	98	118601	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.176	79	15342	4.180	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.629	63	65811	50.662	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32596	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	45980	4.560	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	1668029	195.255	ug/L	# 76
16) Methylene chloride	3.044	84	3446	0.296	ug/L	95
19) 1,1-Dichloroethane	3.864	63	31300	2.003	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	55256	5.674	ug/L	94
25) Chloroform	5.083	83	103059	6.074	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	222444	15.110	ug/L	99
31) Carbon tetrachloride	5.520	117	69542	5.434	ug/L	95
33) Benzene	5.771	78	23851	0.646	ug/L	100
34) Trichloroethene	6.539	95	5682514	564.914	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	4761m	0.694	ug/L	
47) Tetrachloroethene	8.562	164	25116485m	3150.291	ug/L	
64) 1,3-Dichlorobenzene	11.742	146	10387	0.550	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	11119	0.582	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	10241	0.587	ug/L	94

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

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