

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053957.D
 Acq On : 28 Apr 2023 00:06
 Operator : JC/MD
 Sample : 02528-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA36

Quant Time: Apr 28 07:22:28 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	6.246	114	121345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	118590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	1021	0.138	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	2.800%#
7) Chloroethane-d5	1.912	69	25879	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.648	46	68729	50.770	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.540%
24) Chloroform-d	5.060	84	78216	5.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.700	65	32438	5.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.722	84	111317	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.687	67	43153	5.106	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.896	98	66521	2.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	51.000%#
43) trans-1,3-Dichloroprop...	8.176	79	12634	3.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.632	63	62937	53.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.000%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	32481	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	41636	4.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	3347	0.383	ug/L	95
6) Bromomethane	1.858	94	2414	0.368	ug/L	96
12) 1,1-Dichloroethene	2.578	96	3030	0.397	ug/L #	81
13) Acetone	2.674	43	85266	77.671	ug/L	91
16) Methylene chloride	3.041	84	5248	0.504	ug/L	92
18) trans-1,2-Dichloroethene	3.356	96	4166	0.540	ug/L	89
19) 1,1-Dichloroethane	3.864	63	119173	8.538	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	27261	3.133	ug/L	95
25) Chloroform	5.083	83	261437	17.247	ug/L	99
27) 1,2-Dichloroethane	5.796	62	3147	0.362	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	410049	30.758	ug/L	98
31) Carbon tetrachloride	5.520	117	8954	0.773	ug/L	94
33) Benzene	5.771	78	13465	0.403	ug/L	100
34) Trichloroethene	6.536	95	1583196	173.806	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	4343	0.699	ug/L	90
47) Tetrachloroethene	8.562	164	12164452	1684.890	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	1200	0.162	ug/L #	92
64) 1,3-Dichlorobenzene	11.741	146	11575	0.622	ug/L	97
65) 1,4-Dichlorobenzene	11.831	146	15787	0.839	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	12.208	146	70770	4.115	ug/L	99

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

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