

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052286.D
 Acq On : 09 Dec 2022 06:40
 Operator : JC/MD
 Sample : N5960-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL28

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

Quant Time: Dec 09 07:05:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	224125	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68152	3.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.915	69	63887	3.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.571	65	28909	3.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.642	46	263766	66.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.500%#
24) Chloroform-d	5.063	84	145147	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	79042	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.726	84	288193	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.690	67	98408	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.896	98	223231	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.179	79	30587	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.632	63	175080	54.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94368	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	86110	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	7429	0.293	ug/L	97
5) Vinyl chloride	1.607	62	28707	1.178	ug/L	98
8) Chloroethane	1.938	64	8263	0.545	ug/L	90
12) 1,1-Dichloroethene	2.584	96	16272	1.001	ug/L #	36
18) trans-1,2-Dichloroethene	3.356	96	10752	0.617	ug/L	88
19) 1,1-Dichloroethane	3.867	63	5796	0.185	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	2700562	147.644	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	26616	1.063	ug/L	98
34) Trichloroethene	6.536	95	20980975m	1145.189	ug/L	
42) Toluene	7.970	91	19794	0.262	ug/L	97

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

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