

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052285.D
 Acq On : 09 Dec 2022 06:16
 Operator : JC/MD
 Sample : N5960-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL27

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 07:04:57 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	6.247	114	212083	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214673	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	92723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69168	3.353	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.916	69	65761	4.104	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.568	65	28952	3.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.642	46	268224	71.730	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.460%#
24) Chloroform-d	5.060	84	146954	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.700	65	79075	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.726	84	290748	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.690	67	102008	5.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.896	98	225498	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.176	79	30583	4.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.632	63	177790	58.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96374	5.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	89194	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
3) Chloromethane	1.523	50	37180	1.549	ug/L	99
5) Vinyl chloride	1.607	62	29012	1.258	ug/L	99
8) Chloroethane	1.938	64	8316	0.580	ug/L	87
12) 1,1-Dichloroethene	2.584	96	16684	1.084	ug/L #	42
18) trans-1,2-Dichloroethene	3.356	96	11444	0.694	ug/L	94
19) 1,1-Dichloroethane	3.874	63	5542	0.186	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	2775597	160.362	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	27430	1.152	ug/L	97
34) Trichloroethene	6.536	95	21126506m	1212.376	ug/L	
42) Toluene	7.967	91	20217	0.281	ug/L	96

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

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