

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052209.D
 Acq On : 07 Dec 2022 20:17
 Operator : JC/MD
 Sample : N5916-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N23

Quant Time: Dec 08 02:03:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 01:59:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	204302	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207357	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	83219	4.188	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.916	69	75912	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.568	65	31558	4.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.632	46	211945	58.838	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.680%
24) Chloroform-d	5.060	84	152722	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.700	65	77567	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.726	84	297160	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.687	67	101768	5.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.896	98	226225	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.179	79	31559	4.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.632	63	152002	51.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88006	5.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	82938	5.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	20095	0.904	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	64839	4.339	ug/L	99
12) 1,1-Dichloroethene	2.584	96	8215	0.554	ug/L #	1
17) Methyl tert-butyl Ether	3.366	73	8467	0.255	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	7719	0.486	ug/L	90
19) 1,1-Dichloroethane	3.867	63	17944	0.627	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	243418	14.599	ug/L	98
27) 1,2-Dichloroethane	5.793	62	18022	1.014	ug/L	97
33) Benzene	5.777	78	8959	0.133	ug/L	100
34) Trichloroethene	6.539	95	241299	14.336	ug/L	96
37) 1,2-Dichloropropane	6.787	63	6853	0.392	ug/L #	94
47) Tetrachloroethene	8.552	164	10501	0.814	ug/L	97
51) Chlorobenzene	9.443	112	56173	1.269	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	8313	0.329	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	14720	0.584	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	21920	0.901	ug/L	98

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