

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052208.D
 Acq On : 07 Dec 2022 19:54
 Operator : JC/MD
 Sample : N5916-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N22

Quant Time: Dec 08 02:03:07 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	210229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	212317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	85770	4.194	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.916	69	77987	4.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.568	65	33404	4.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.629	46	225120	60.734	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.460%
24) Chloroform-d	5.060	84	157882	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.700	65	81317	5.358	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.726	84	313461	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.687	67	106834	5.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.896	98	240333	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.176	79	32518	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.632	63	155366	51.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	93526	5.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	86601	5.451	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	20366	0.891	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	69151	4.497	ug/L	98
12) 1,1-Dichloroethene	2.581	96	8582	0.563	ug/L #	1
17) Methyl tert-butyl Ether	3.363	73	8771	0.257	ug/L #	92
18) trans-1,2-Dichloroethene	3.356	96	7453	0.456	ug/L	98
19) 1,1-Dichloroethane	3.871	63	17772	0.603	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	242224	14.118	ug/L	98
27) 1,2-Dichloroethane	5.797	62	18046	0.987	ug/L	99
33) Benzene	5.774	78	9330	0.135	ug/L	100
34) Trichloroethene	6.539	95	246560	14.306	ug/L	95
37) 1,2-Dichloropropane	6.793	63	7906	0.442	ug/L #	96
47) Tetrachloroethene	8.552	164	10769	0.815	ug/L	97
51) Chlorobenzene	9.446	112	58145	1.283	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	7777	0.292	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	16083	0.606	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	22527	0.879	ug/L	94

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