

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052487.D
 Acq On : 22 Dec 2022 13:31
 Operator : JC/MD
 Sample : N6170-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQC0

Quant Time: Dec 23 00:31:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	165284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	81953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74223	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.912	69	66828	4.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.565	65	32454	4.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.639	46	241271	46.464	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.920%
24) Chloroform-d	5.060	84	141903	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.697	65	75134	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.723	84	262574	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.687	67	91071	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.893	98	237268	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.176	79	30643	4.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.632	63	168900	45.748	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	74394	4.446	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	76532	4.587	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	70840	4.817	ug/L	98
5) Vinyl chloride	1.604	62	92801	4.822	ug/L	99
8) Chloroethane	1.932	64	200443	15.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	159111	12.303	ug/L	98
12) 1,1-Dichloroethene	2.578	96	33425	2.700	ug/L #	74
13) Acetone	2.655	43	552498	144.332	ug/L	99
15) Methyl Acetate	2.954	43	94943	11.258	ug/L	97
16) Methylene chloride	3.044	84	10280	0.588	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	42143	3.303	ug/L	99
19) 1,1-Dichloroethane	3.864	63	66937	2.413	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	67321	4.808	ug/L	98
23) Bromochloromethane	4.970	128	37844	5.833	ug/L	99
25) Chloroform	5.083	83	246799	9.181	ug/L	99
27) 1,2-Dichloroethane	5.790	62	42009	2.262	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	48848	2.324	ug/L	98
31) Carbon tetrachloride	5.520	117	62155	3.366	ug/L	98
34) Trichloroethene	6.539	95	36480	2.595	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	109008	5.128	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	810557	66.091	ug/L	99

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44) trans-1,3-Dichloropropene	8.208	75	48956	2.614	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	25741	2.166	ug/L	95
47) Tetrachloroethene	8.549	164	34039	3.468	ug/L	95
50) 1,2-Dibromoethane	8.919	107	58871	5.448	ug/L	100
51) Chlorobenzene	9.443	112	245482	6.666	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	27215	1.656	ug/L	98
59) Bromoform	10.285	173	22571	3.135	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	188907	4.284	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	90646	3.440	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	61066	2.241	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	82908	5.077	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	46151	2.820	ug/L	99

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

