

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052484.D
 Acq On : 22 Dec 2022 12:11
 Operator : JC/MD
 Sample : N6169-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA9

Quant Time: Dec 23 00:31:22 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	6.246	114	169278	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79319	4.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.912	69	71432	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.565	65	34277	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.642	46	257471	48.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	5.060	84	149404	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.700	65	80594	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.726	84	275311	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.687	67	96488	4.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.896	98	254262	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.176	79	33105	4.918	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.632	63	184576	50.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	80537	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	83301	4.828	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	67495	4.481	ug/L	99
5) Vinyl chloride	1.604	62	92422	4.689	ug/L	95
8) Chloroethane	1.935	64	200099	14.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	163888	12.373	ug/L	99
12) 1,1-Dichloroethene	2.581	96	33301	2.627	ug/L #	78
13) Acetone	2.661	43	1086051	277.020	ug/L	99
15) Methyl Acetate	2.960	43	93470	10.822	ug/L	96
16) Methylene chloride	3.047	84	10161	0.567	ug/L	91
18) trans-1,2-Dichloroethene	3.353	96	42593	3.260	ug/L	97
19) 1,1-Dichloroethane	3.867	63	67333	2.370	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	67175	4.685	ug/L	96
23) Bromochloromethane	4.973	128	38428	5.783	ug/L	98
25) Chloroform	5.086	83	244168	8.869	ug/L	98
27) 1,2-Dichloroethane	5.790	62	42514	2.235	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	48831	2.329	ug/L	98
31) Carbon tetrachloride	5.520	117	64544	3.504	ug/L	99
34) Trichloroethene	6.539	95	32614	2.325	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	110909	5.231	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	844149	69.002	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.208	75	48449	2.593	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	26181	2.208	ug/L	98
47) Tetrachloroethene	8.549	164	35460	3.622	ug/L	97
50) 1,2-Dibromoethane	8.922	107	59169	5.490	ug/L	99
51) Chlorobenzene	9.443	112	249502	6.792	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	32232	1.966	ug/L	97
59) Bromoform	10.288	173	22678	3.046	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	193446	4.242	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	90272	3.313	ug/L	96
65) 1,4-Dichlorobenzene	11.831	146	61132	2.169	ug/L	97
70) 1,2,4-trichlorobenzene	13.835	180	85034	5.036	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	48202	2.848	ug/L	99

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

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