

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122821\
 Data File : VU046616.D
 Acq On : 28 Dec 2021 14:43
 Operator : SY/MD
 Sample : M5149-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBBT8

Quant Time: Dec 29 01:30:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 01:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	61898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	65591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	38025	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	24868	5.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 102.000%	
7) Chloroethane-d5	1.919	69	23431	6.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 122.000%	
11) 1,1-Dichloroethene-d2	2.572	65	11712	5.697	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 114.000%	
20) 2-Butanone-d5	4.655	46	93481	66.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 132.200%#	
24) Chloroform-d	5.070	84	58659	6.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 131.400%#	
26) 1,2-Dichloroethane-d4	5.707	65	32510	6.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 127.400%	
32) Benzene-d6	5.732	84	108854	5.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.000%	
36) 1,2-Dichloropropane-d6	6.697	67	33639	6.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 122.400%	
41) Toluene-d8	7.903	98	89689	5.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.000%	
43) trans-1,3-Dichloroprop...	8.182	79	13302	5.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 104.600%	
46) 2-Hexanone-d5	8.639	63	83179	55.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 111.500%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	34600	6.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 122.800%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	38125	5.443	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	15500	1.637	ug/L	97
3) Chloromethane	1.524	50	33190	4.069	ug/L	98
5) Vinyl chloride	1.607	62	27813	3.463	ug/L	98
6) Bromomethane	1.864	94	13446	2.782	ug/L	99
8) Chloroethane	1.942	64	16546	3.510	ug/L	97
9) Trichlorofluoromethane	2.144	101	87480	8.328	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	24501	4.582	ug/L	96
12) 1,1-Dichloroethene	2.585	96	28039	5.150	ug/L	86
16) Methylene chloride	3.054	84	22877	3.453	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	83610	5.264	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	33657	5.794	ug/L	97
22) cis-1,2-Dichloroethene	4.675	96	40295	6.347	ug/L	99
23) Bromochloromethane	4.983	128	6163	1.950	ug/L	90
25) Chloroform	5.093	83	57130	4.942	ug/L	97
27) 1,2-Dichloroethane	5.800	62	40730	4.936	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	54065	4.985	ug/L	99
31) Carbon tetrachloride	5.530	117	48634	5.344	ug/L	98
34) Trichloroethene	6.546	95	53369	7.768	ug/L	99
37) 1,2-Dichloropropane	6.797	63	32326	4.863	ug/L	99

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38) Bromodichloromethane	7.112	83	20021	2.176	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	16863	1.676	ug/L	98
42) Toluene	7.973	91	76379	2.855	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	46140	8.048	ug/L	97
47) Tetrachloroethene	8.559	164	24167	4.971	ug/L	96
49) Dibromochloromethane	8.813	129	43310	6.550	ug/L	96
52) Ethylbenzene	9.575	91	299680	10.823	ug/L	100
54) o-Xylene	10.105	106	32458	3.184	ug/L	99
55) Styrene	10.118	104	51933	2.938	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	37507	5.007	ug/L	98
60) Isopropylbenzene	10.488	105	217864	7.429	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	110910	4.516	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	30712	2.154	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	30155	2.109	ug/L	98

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

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