

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047391.D
 Acq On : 08 Mar 2022 15:04
 Operator : SY/MD
 Sample : N1810-21MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA6MSD

Quant Time: Mar 09 03:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	194522	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101680	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40976	2.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.919	69	42661	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.572	65	18169	3.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.639	46	194170	42.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.680%
24) Chloroform-d	5.067	84	111121	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.707	65	61838	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.729	84	202741	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.694	67	69440	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.899	98	180457	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	29755	4.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.636	63	191419	47.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	73109	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	84444	4.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	63979	5.217	ug/L	99
3) Chloromethane	1.523	50	62687	4.622	ug/L	100
5) Vinyl chloride	1.607	62	63344	4.911	ug/L	99
6) Bromomethane	1.861	94	32557	4.661	ug/L	100
8) Chloroethane	1.938	64	37256	4.994	ug/L	99
9) Trichlorofluoromethane	2.144	101	81897	5.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	50195	5.363	ug/L	92
12) 1,1-Dichloroethene	2.584	96	48282	5.064	ug/L	80
13) Acetone	2.658	43	69380	37.921	ug/L	98
14) Carbon disulfide	2.800	76	152476	4.962	ug/L	100
15) Methyl Acetate	2.964	43	20556	4.904	ug/L	96
16) Methylene chloride	3.051	84	53104	4.784	ug/L	91
17) Methyl tert-butyl Ether	3.369	73	127716	5.002	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	53469	5.164	ug/L	91
19) 1,1-Dichloroethane	3.874	63	90023	5.222	ug/L	99
21) 2-Butanone	4.723	43	134689	38.726	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	58303	5.172	ug/L	97
23) Bromochloromethane	4.980	128	28105	4.992	ug/L	# 84
25) Chloroform	5.092	83	94604	5.016	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	61861	4.869	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	82858	5.407	ug/L	98
30) Cyclohexane	5.391	56	81264	5.419	ug/L	96
31) Carbon tetrachloride	5.530	117	72091	5.448	ug/L	100
33) Benzene	5.777	78	213795	5.191	ug/L	100
34) Trichloroethene	6.546	95	55949	5.169	ug/L	92
35) Methylcyclohexane	6.764	83	87725	5.285	ug/L	94
37) 1,2-Dichloropropane	6.793	63	53105	5.199	ug/L	100
38) Bromodichloromethane	7.108	83	69662	5.197	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	81682	5.037	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	362833	47.095	ug/L	97
42) Toluene	7.970	91	234972	5.264	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	73841	5.138	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	44538	5.043	ug/L	98
47) Tetrachloroethene	8.555	164	47519	5.153	ug/L	90
48) 2-Hexanone	8.687	43	270524	47.077	ug/L	98
49) Dibromochloromethane	8.813	129	53339	5.132	ug/L	96
50) 1,2-Dibromoethane	8.925	107	45190	5.009	ug/L #	97
51) Chlorobenzene	9.449	112	155364	5.168	ug/L	96
52) Ethylbenzene	9.571	91	255441	5.349	ug/L	98
53) m,p-Xylene	9.694	106	101863	5.368	ug/L	99
54) o-Xylene	10.102	106	97263	5.315	ug/L	100
55) Styrene	10.115	104	163481	5.269	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	59131	4.837	ug/L	95
59) Bromoform	10.292	173	32863	5.010	ug/L #	97
60) Isopropylbenzene	10.485	105	252028	5.525	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	41450	4.910	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	166200	5.459	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	218096	5.500	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	128643	5.271	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	131577	5.262	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	125115	5.184	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	9190	4.764	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.218	180	107771	5.296	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	97067	5.249	ug/L	98
71) Naphthalene	14.086	128	183293	4.972	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	89185	5.181	ug/L	97

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

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