

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046824.D
 Acq On : 21 Jan 2022 13:26
 Operator : SY/MD
 Sample : N1223-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MSD

Quant Time: Jan 24 00:25:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31364	4.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.919	69	27774	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.571	65	13105	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.652	46	135401	59.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.880%
24) Chloroform-d	5.066	84	64708	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.706	65	37732	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.732	84	127121	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.693	67	40173	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.899	98	113567	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	16946	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.639	63	125484	57.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45422	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	46330	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51850	6.126	ug/L	99
3) Chloromethane	1.523	50	43032	6.174	ug/L	98
5) Vinyl chloride	1.607	62	42267	5.824	ug/L	97
6) Bromomethane	1.864	94	23720	5.224	ug/L	100
8) Chloroethane	1.941	64	24458	5.855	ug/L	100
9) Trichlorofluoromethane	2.144	101	54196	6.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30227	5.749	ug/L	97
12) 1,1-Dichloroethene	2.587	96	28783	5.729	ug/L	79
13) Acetone	2.678	43	59828	48.697	ug/L	64
14) Carbon disulfide	2.800	76	89397	5.417	ug/L	99
15) Methyl Acetate	2.967	43	13159	4.904	ug/L #	85
16) Methylene chloride	3.051	84	33096	5.454	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	80911	5.739	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	30228	5.554	ug/L	92
19) 1,1-Dichloroethane	3.874	63	54261	5.939	ug/L	100
21) 2-Butanone	4.729	43	108582	54.955	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	32695	5.695	ug/L	99
23) Bromochloromethane	4.980	128	15941	5.644	ug/L	88
25) Chloroform	5.092	83	56430	3.891	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	39722	6.206	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	49500	5.812	ug/L	98
30) Cyclohexane	5.391	56	47553	5.505	ug/L	95
31) Carbon tetrachloride	5.526	117	42500	5.816	ug/L	97
33) Benzene	5.777	78	127704	5.736	ug/L	100
34) Trichloroethene	6.546	95	31615	5.469	ug/L	96
35) Methylcyclohexane	6.767	83	51735	5.343	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31697	5.804	ug/L	99
38) Bromodichloromethane	7.108	83	41201	5.242	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	47802	5.610	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	248592	62.089	ug/L	95
42) Toluene	7.970	91	136347	5.124	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43906	5.784	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	27653	5.952	ug/L	97
47) Tetrachloroethene	8.555	164	24844	5.285	ug/L	96
48) 2-Hexanone	8.690	43	184373	61.007	ug/L	96
49) Dibromochloromethane	8.812	129	31420	5.733	ug/L	95
50) 1,2-Dibromoethane	8.925	107	27719	5.886	ug/L	96
51) Chlorobenzene	9.449	112	85617	5.540	ug/L	98
52) Ethylbenzene	9.571	91	141303	5.585	ug/L	99
53) m,p-Xylene	9.693	106	57633	5.715	ug/L	95
54) o-Xylene	10.102	106	54124	5.537	ug/L	97
55) Styrene	10.115	104	91181	5.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	37606	6.018	ug/L	98
59) Bromoform	10.291	173	19363	5.828	ug/L	99
60) Isopropylbenzene	10.484	105	141332	5.624	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28071	6.141	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	113453	5.500	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	118321	5.574	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	68258	5.434	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	68405	5.411	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	67696	5.572	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5868	6.185	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	51716	5.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41522	5.015	ug/L	99
71) Naphthalene	14.085	128	87037	5.163	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41764	5.340	ug/L	98

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

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