

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046823.D
 Acq On : 21 Jan 2022 13:02
 Operator : SY/MD
 Sample : N1223-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MS

Quant Time: Jan 24 00:24:52 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	6.250	114	87992	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31588	4.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.919	69	27054	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.575	65	12690	4.279	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.655	46	131929	59.727	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.460%
24) Chloroform-d	5.070	84	64216	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.707	65	36394	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.729	84	122171	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.694	67	39426	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	110551	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.179	79	16154	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.639	63	120181	55.615	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44152	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	44873	4.401	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	52296	6.318	ug/L	100
3) Chloromethane	1.523	50	44893	6.586	ug/L	99
5) Vinyl chloride	1.607	62	43307	6.103	ug/L	99
6) Bromomethane	1.864	94	23744	5.348	ug/L	97
8) Chloroethane	1.941	64	24401	5.974	ug/L	98
9) Trichlorofluoromethane	2.144	101	53878	6.231	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30522	5.936	ug/L	95
12) 1,1-Dichloroethene	2.585	96	29055	5.914	ug/L	83
13) Acetone	2.678	43	61044	50.812	ug/L	60
14) Carbon disulfide	2.800	76	90515	5.609	ug/L	100
15) Methyl Acetate	2.964	43	15981	6.090	ug/L	97
16) Methylene chloride	3.054	84	32287	5.442	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	81511	5.913	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	30273	5.689	ug/L	93
19) 1,1-Dichloroethane	3.874	63	53813	6.024	ug/L	98
21) 2-Butanone	4.732	43	108031	55.913	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	33378	5.946	ug/L	95
23) Bromochloromethane	4.980	128	16347	5.919	ug/L	90
25) Chloroform	5.092	83	56052	3.953	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40536	6.477	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	49475	5.833	ug/L	98
30) Cyclohexane	5.391	56	46764	5.435	ug/L	95
31) Carbon tetrachloride	5.527	117	41943	5.763	ug/L	100
33) Benzene	5.777	78	126113	5.688	ug/L	100
34) Trichloroethene	6.546	95	31635	5.495	ug/L	96
35) Methylcyclohexane	6.764	83	52133	5.407	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31940	5.872	ug/L	99
38) Bromodichloromethane	7.108	83	41206	5.264	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	46332	5.460	ug/L	97
40) 4-Methyl-2-pentanone	7.797	43	246314	61.772	ug/L	95
42) Toluene	7.970	91	135879	5.127	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43298	5.727	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	27516	5.946	ug/L	97
47) Tetrachloroethene	8.555	164	24937	5.326	ug/L	94
48) 2-Hexanone	8.690	43	185061	61.486	ug/L	97
49) Dibromochloromethane	8.813	129	30791	5.641	ug/L	99
50) 1,2-Dibromoethane	8.925	107	27067	5.771	ug/L #	97
51) Chlorobenzene	9.446	112	83776	5.443	ug/L	99
52) Ethylbenzene	9.571	91	138803	5.509	ug/L	98
53) m,p-Xylene	9.694	106	56021	5.578	ug/L	100
54) o-Xylene	10.102	106	53824	5.528	ug/L	99
55) Styrene	10.115	104	91943	5.773	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	38190	6.137	ug/L	97
59) Bromoform	10.292	173	19413	5.798	ug/L	99
60) Isopropylbenzene	10.485	105	141383	5.582	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	28503	6.187	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	112526	5.412	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	117102	5.474	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	68510	5.411	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68462	5.373	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	66997	5.471	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5777	6.041	ug/L	91
69) 1,3,5-Trichlorobenzene	13.218	180	51004	5.110	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	39895	4.781	ug/L	98
71) Naphthalene	14.086	128	82612	4.863	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	40187	5.098	ug/L	98

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

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