

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052121\
 Data File : VU043892.D
 Acq On : 21 May 2021 16:22
 Operator : SY/MD
 Sample : M2475-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 GB408MS

Quant Time: May 22 00:54:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 22 00:45:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	209765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	210570	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	119705	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52996	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	1.919	69	39509	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.571	65	25415	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.645	46	186299	63.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.70%
24) Chloroform-d	5.073	84	128398	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.710	65	63317	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.735	84	250511	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.700	67	80231	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.906	98	234757	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloroprop...	8.185	79	29910	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.642	63	150707	52.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.78%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72482	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	92901	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	80624	5.28	ug/L	100
3) Chloromethane	1.523	50	86225	4.81	ug/L	97
5) Vinyl chloride	1.607	62	89181	5.01	ug/L	96
6) Bromomethane	1.864	94	50355	4.80	ug/L	100
8) Chloroethane	1.941	64	45826	4.58	ug/L	100
9) Trichlorofluoromethane	2.144	101	105757	5.12	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	79400	5.64	ug/L	98
12) 1,1-Dichloroethene	2.587	96	90005	6.50	ug/L	85
13) Acetone	2.655	43	126207	67.60	ug/L	100
14) Carbon disulfide	2.800	76	237472	5.13	ug/L	99
15) Methyl Acetate	2.964	43	28015	5.04	ug/L	91
16) Methylene chloride	3.054	84	84734	4.12	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	159207	5.08	ug/L	100
18) trans-1,2-Dichloroethene	3.362	96	78401	5.39	ug/L	95
19) 1,1-Dichloroethane	3.880	63	143321	5.46	ug/L	97
21) 2-Butanone	4.726	43	215602	60.39	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	82712	5.41	ug/L	96
23) Bromochloromethane	4.983	128	42891	5.96	ug/L	88
25) Chloroform	5.099	83	144589	5.56	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	88748	5.53	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	130585	5.95	ug/L	99
30) Cyclohexane	5.398	56	115567	4.74	ug/L	96
31) Carbon tetrachloride	5.533	117	101199	5.52	ug/L	100
33) Benzene	5.784	78	329023	5.40	ug/L	100
34) Trichloroethene	6.549	95	81239	5.20	ug/L	97
35) Methylcyclohexane	6.771	83	122664	5.05	ug/L	98
37) 1,2-Dichloropropane	6.800	63	84770	5.32	ug/L	100
38) Bromodichloromethane	7.111	83	101069	5.44	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	108212	5.11	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	503831	49.59	ug/L	96
42) Toluene	7.976	91	353961	5.53	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	95804	5.25	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	62619	5.47	ug/L	99
47) Tetrachloroethene	8.558	164	83845	6.64	ug/L	100
48) 2-Hexanone	8.693	43	380298	50.46	ug/L	97
49) Dibromochloromethane	8.816	129	71066	5.56	ug/L	99
50) 1,2-Dibromoethane	8.931	107	58116	5.40	ug/L	100
51) Chlorobenzene	9.452	112	217548	5.44	ug/L	98
52) Ethylbenzene	9.578	91	345096	5.27	ug/L	99
53) m,p-Xylene	9.700	106	138623	5.57	ug/L	96
54) o-Xylene	10.108	106	131199	5.52	ug/L	96
55) Styrene	10.121	104	225650	5.62	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	79942	5.50	ug/L	99
59) Bromoform	10.298	173	42221	5.24	ug/L	99
60) Isopropylbenzene	10.491	105	341126	5.19	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	56503	4.95	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	265810	5.03	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	274495	5.07	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	179440	5.30	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	179827	5.29	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	170976	5.26	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11222	4.79	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	135742	5.02	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	104784	4.71	ug/L	99
71) Naphthalene	14.092	128	164602	4.20	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	103575	4.91	ug/L	98

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

