

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043877.D
 Acq On : 20 May 2021 20:04
 Operator : SY/MD
 Sample : M2475-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408

Quant Time: May 21 01:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	222150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223529	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	130098	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	57676	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.919	69	40927	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	2.572	65	27317	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.639	46	173127	55.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.18%
24) Chloroform-d	5.073	84	123605	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.710	65	63862	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.735	84	264099	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.700	67	84034	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.906	98	248074	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloroprop...	8.186	79	30279	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.642	63	142261	47.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.06%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70490	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.201	152	97620	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81630	5.04	ug/L	100
3) Chloromethane	1.520	50	86198	4.54	ug/L	99
5) Vinyl chloride	1.607	62	92054	4.88	ug/L	98
6) Bromomethane	1.861	94	44400	3.99	ug/L	98
8) Chloroethane	1.938	64	45251	4.27	ug/L	96
9) Trichlorofluoromethane	2.144	101	107195	4.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	77000	5.16	ug/L	98
12) 1,1-Dichloroethene	2.584	96	87317	5.96	ug/L	90
13) Acetone	2.649	43	117959	59.66	ug/L	98
14) Carbon disulfide	2.800	76	244705	4.99	ug/L	100
15) Methyl Acetate	2.961	43	28162	4.79	ug/L	95
16) Methylene chloride	3.054	84	84390	3.88	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	159139	4.80	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	78710	5.11	ug/L	95
19) 1,1-Dichloroethane	3.880	63	146715	5.27	ug/L	97
21) 2-Butanone	4.719	43	202319	53.51	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	84608	5.23	ug/L	98
23) Bromochloromethane	4.983	128	40369	5.29	ug/L	94
25) Chloroform	5.096	83	153845	5.58	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	86610	5.10	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	130518	5.60	ug/L	98
30) Cyclohexane	5.398	56	118552	4.58	ug/L	98
31) Carbon tetrachloride	5.533	117	102564	5.27	ug/L	98
33) Benzene	5.784	78	330258	5.11	ug/L	100
34) Trichloroethene	6.549	95	81673	4.92	ug/L	94
35) Methylcyclohexane	6.771	83	123982	4.81	ug/L	97
37) 1,2-Dichloropropane	6.800	63	86377	5.11	ug/L	99
38) Bromodichloromethane	7.115	83	99469	5.04	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	106815	4.75	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	480029	44.51	ug/L	96
42) Toluene	7.977	91	357288	5.26	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	93551	4.83	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	60543	4.98	ug/L	98
47) Tetrachloroethene	8.562	164	85132	6.35	ug/L	99
48) 2-Hexanone	8.694	43	365827	45.72	ug/L	98
49) Dibromochloromethane	8.816	129	70957	5.23	ug/L	99
50) 1,2-Dibromoethane	8.931	107	56994	4.99	ug/L	96
51) Chlorobenzene	9.452	112	222943	5.26	ug/L	97
52) Ethylbenzene	9.578	91	350768	5.05	ug/L	98
53) m,p-Xylene	9.700	106	137333	5.19	ug/L	97
54) o-Xylene	10.108	106	132203	5.24	ug/L	97
55) Styrene	10.121	104	210763	4.95	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	76602	4.96	ug/L	100
59) Bromoform	10.298	173	40938	4.67	ug/L	98
60) Isopropylbenzene	10.491	105	346867	4.86	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	54597	4.40	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	265501	4.62	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	266497	4.53	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	186839	5.08	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	185669	5.02	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	173389	4.91	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10972	4.31	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	143062	4.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	114577	4.74	ug/L	99
71) Naphthalene	14.095	128	173288	4.06	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	110134	4.80	ug/L	100

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

