

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043837.D
 Acq On : 19 May 2021 19:26
 Operator : SY/MD
 Sample : M2464-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MSD

Quant Time: May 20 03:57:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 20 03:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	233030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	226664	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	118266	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54688	3.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.60%
7) Chloroethane-d5	1.916	69	41937	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	2.572	65	12549	1.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	35.20%#
20) 2-Butanone-d5	4.639	46	195853	59.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.90%
24) Chloroform-d	5.073	84	137143	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.710	65	67602	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.736	84	274856	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	87569	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.906	98	246681	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloroprop...	8.186	79	33728	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.642	63	165039	53.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.60%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	75182	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
66) 1,2-Dichlorobenzene-d4	12.202	152	96668	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	85029	5.01	ug/L	100
3) Chloromethane	1.520	50	97069	4.87	ug/L	99
5) Vinyl chloride	1.607	62	86022	4.35	ug/L	97
6) Bromomethane	1.861	94	49083	4.21	ug/L	97
8) Chloroethane	1.935	64	46986	4.22	ug/L	95
9) Trichlorofluoromethane	2.141	101	113144	4.93	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	81591	5.22	ug/L	99
12) 1,1-Dichloroethene	2.585	96	39522	2.57	ug/L	92
13) Acetone	2.649	43	144479	69.66	ug/L	99
14) Carbon disulfide	2.800	76	261942	5.09	ug/L	100
15) Methyl Acetate	2.961	43	35094	5.69	ug/L	97
16) Methylene chloride	3.054	84	90843	3.98	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	179420	5.15	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	57638	3.57	ug/L	97
19) 1,1-Dichloroethane	3.880	63	198292	6.79	ug/L	99
21) 2-Butanone	4.720	43	240078	60.53	ug/L	97
22) cis-1,2-Dichloroethene	4.675	96	118455	6.98	ug/L	97
23) Bromochloromethane	4.983	128	44595	5.58	ug/L	91
25) Chloroform	5.099	83	160704	5.56	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	98115	5.51	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	903266	38.22	ug/L	98
30) Cyclohexane	5.398	56	130365	4.97	ug/L	97
31) Carbon tetrachloride	5.533	117	110530	5.60	ug/L	100
33) Benzene	5.784	78	352308	5.37	ug/L	100
34) Trichloroethene	6.549	95	86920	5.17	ug/L	95
35) Methylcyclohexane	6.771	83	130468	4.99	ug/L	98
37) 1,2-Dichloropropane	6.800	63	90098	5.25	ug/L	99
38) Bromodichloromethane	7.115	83	111085	5.55	ug/L	97
39) cis-1,3-Dichloropropene	7.617	75	124718	5.47	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	566488	51.80	ug/L	96
42) Toluene	7.977	91	360904	5.24	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	93341	4.75	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	66579	5.40	ug/L	99
47) Tetrachloroethene	8.562	164	152052	11.18	ug/L	99
48) 2-Hexanone	8.694	43	430035	53.00	ug/L	98
49) Dibromochloromethane	8.819	129	81357	5.92	ug/L	98
50) 1,2-Dibromoethane	8.932	107	62891	5.43	ug/L	99
51) Chlorobenzene	9.452	112	234753	5.46	ug/L	98
52) Ethylbenzene	9.578	91	332390	4.72	ug/L	98
53) m,p-Xylene	9.703	106	36542	1.36	ug/L	89
54) o-Xylene	10.108	106	110855	4.33	ug/L	97
55) Styrene	10.105	104	7526	0.17	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.790	83	84769	5.42	ug/L	99
59) Bromoform	10.298	173	45279	5.69	ug/L	99
60) Isopropylbenzene	10.491	105	316098	4.87	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	60982	5.40	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	178704	5.34	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	182227	5.42	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	181449	5.65	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	12270	5.30	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	145895	5.47	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	123708	5.63	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	113221	5.43	ug/L	100

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

