

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043836.D
 Acq On : 19 May 2021 19:01
 Operator : SY/MD
 Sample : M2464-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3Y6MS

Quant Time: May 20 03:57:03 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	6.257	114	228170	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	227035	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	117379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	52662	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.916	69	41115	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.572	65	14058	2.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	40.20%#
20) 2-Butanone-d5	4.639	46	192357	60.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.26%
24) Chloroform-d	5.073	84	135606	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.710	65	66431	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.736	84	270628	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.700	67	85180	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	245680	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.186	79	32355	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.642	63	159635	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74560	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.202	152	94764	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.389	85	84217	5.07	ug/L 100
3) Chloromethane	1.520	50	97414	4.99	ug/L 99
5) Vinyl chloride	1.607	62	84177	4.35	ug/L 99
6) Bromomethane	1.861	94	47091	4.12	ug/L 97
8) Chloroethane	1.935	64	46087	4.23	ug/L 99
9) Trichlorofluoromethane	2.141	101	112588	5.01	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	78782	5.14	ug/L 97
12) 1,1-Dichloroethene	2.585	96	45359	3.01	ug/L 89
13) Acetone	2.646	43	145438	71.61	ug/L 97
14) Carbon disulfide	2.797	76	258913	5.14	ug/L 100
15) Methyl Acetate	2.961	43	33383	5.52	ug/L 95
16) Methylene chloride	3.054	84	89505	4.01	ug/L 96
17) Methyl tert-butyl Ether	3.376	73	177313	5.20	ug/L 99
18) trans-1,2-Dichloroethene	3.360	96	62179	3.93	ug/L 98
19) 1,1-Dichloroethane	3.880	63	196300	6.87	ug/L 99
21) 2-Butanone	4.720	43	239195	61.59	ug/L 98
22) cis-1,2-Dichloroethene	4.675	96	112298	6.75	ug/L 96
23) Bromochloromethane	4.983	128	44460	5.68	ug/L 93
25) Chloroform	5.099	83	159223	5.63	ug/L 97

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27) 1,2-Dichloroethane	5.803	62	96483	5.53	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	897942	37.93	ug/L	98
30) Cyclohexane	5.398	56	125971	4.80	ug/L	96
31) Carbon tetrachloride	5.533	117	109848	5.55	ug/L	100
33) Benzene	5.784	78	346896	5.28	ug/L	100
34) Trichloroethene	6.549	95	86168	5.11	ug/L	95
35) Methylcyclohexane	6.771	83	127160	4.85	ug/L	97
37) 1,2-Dichloropropane	6.800	63	90687	5.28	ug/L	99
38) Bromodichloromethane	7.115	83	111320	5.56	ug/L	98
39) cis-1,3-Dichloropropene	7.617	75	122874	5.38	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	557345	50.88	ug/L	96
42) Toluene	7.977	91	360723	5.23	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	95180	4.83	ug/L	98
45) 1,1,2-Trichloroethane	8.408	97	66619	5.40	ug/L	99
47) Tetrachloroethene	8.562	164	150734	11.07	ug/L	99
48) 2-Hexanone	8.694	43	422809	52.03	ug/L	97
49) Dibromochloromethane	8.819	129	81310	5.90	ug/L	98
50) 1,2-Dibromoethane	8.932	107	61762	5.32	ug/L	99
51) Chlorobenzene	9.456	112	229617	5.33	ug/L	98
52) Ethylbenzene	9.578	91	330874	4.69	ug/L	98
53) m,p-Xylene	9.703	106	34844	1.30	ug/L	93
54) o-Xylene	10.108	106	107525	4.20	ug/L	100
55) Styrene	10.105	104	7248	0.17	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.790	83	84645	5.40	ug/L	100
59) Bromoform	10.298	173	45200	5.72	ug/L	99
60) Isopropylbenzene	10.491	105	314649	4.88	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	60345	5.39	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	174475	5.26	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	177433	5.32	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	177727	5.57	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	12174	5.29	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	143097	5.40	ug/L	97
70) 1,2,4-trichlorobenzene	13.848	180	117900	5.40	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	106923	5.17	ug/L	98

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

