

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051021\
 Data File : VU043646.D
 Acq On : 10 May 2021 18:19
 Operator : SY/MD
 Sample : M2300-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW6B7MSD

Quant Time: May 11 04:00:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 11 03:58:06 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	105415	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	101401	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	52343	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27675	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.919	69	22741	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.572	65	13930	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.649	46	150328	57.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.26%
24) Chloroform-d	5.073	84	68114	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.713	65	41622	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.736	84	118122	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.700	67	43300	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.906	98	106890	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloroprop...	8.186	79	16999	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	95283	58.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37539	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	39553	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34642	4.85	ug/L	99
3) Chloromethane	1.523	50	35728	4.75	ug/L	99
5) Vinyl chloride	1.607	62	37039	5.19	ug/L	96
6) Bromomethane	1.864	94	18702	5.54	ug/L	98
8) Chloroethane	1.938	64	22336	4.85	ug/L	96
9) Trichlorofluoromethane	2.144	101	54958	4.94	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34924	5.09	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30212	5.13	ug/L	89
13) Acetone	2.665	43	102260	58.27	ug/L	97
14) Carbon disulfide	2.800	76	70458	4.78	ug/L	96
15) Methyl Acetate	2.967	43	21769	5.44	ug/L	97
16) Methylene chloride	3.054	84	38861	4.12	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	96197	5.58	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	30943	5.04	ug/L	96
19) 1,1-Dichloroethane	3.880	63	76402	5.23	ug/L	98
21) 2-Butanone	4.729	43	171789	61.06	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	37619	5.21	ug/L	99
23) Bromochloromethane	4.986	128	16930	5.27	ug/L	89
25) Chloroform	5.099	83	76715	4.93	ug/L	98

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27) 1,2-Dichloroethane	5.803	62	54356	5.15	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	62454	5.24	ug/L	98
30) Cyclohexane	5.398	56	53245	5.60	ug/L	99
31) Carbon tetrachloride	5.536	117	50037	5.12	ug/L	99
33) Benzene	5.784	78	146896	5.50	ug/L	100
34) Trichloroethene	6.552	95	37471	5.49	ug/L	95
35) Methylcyclohexane	6.774	83	46600	5.28	ug/L	99
37) 1,2-Dichloropropane	6.800	63	44082	5.53	ug/L	100
38) Bromodichloromethane	7.115	83	55688	5.39	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	58638	5.55	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	398523	61.07	ug/L	99
42) Toluene	7.977	91	156165	5.59	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	53990	5.61	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	30673	5.57	ug/L	98
47) Tetrachloroethene	8.562	164	25878	5.15	ug/L	97
48) 2-Hexanone	8.694	43	300919	62.16	ug/L	98
49) Dibromochloromethane	8.819	129	35460	5.32	ug/L	95
50) 1,2-Dibromoethane	8.932	107	28061	5.47	ug/L	97
51) Chlorobenzene	9.452	112	96807	5.45	ug/L	99
52) Ethylbenzene	9.578	91	165611	5.59	ug/L	100
53) m,p-Xylene	9.700	106	60852	5.65	ug/L	96
54) o-Xylene	10.108	106	60252	5.76	ug/L	98
55) Styrene	10.121	104	100581	5.49	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	41366	5.57	ug/L	95
59) Bromoform	10.298	173	20572	5.40	ug/L	98
60) Isopropylbenzene	10.491	105	160576	5.63	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	30515	5.76	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	127299	5.68	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	132524	5.90	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	75889	5.37	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	77064	5.31	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	74751	5.25	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	7497	5.94	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	57127	5.10	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	47312	5.13	ug/L	99
71) Naphthalene	14.092	128	92157	5.80	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	46515	5.37	ug/L	98

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

