

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043876.D
 Acq On : 20 May 2021 19:40
 Operator : SY/MD
 Sample : M2475-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB408

Quant Time: May 21 01:20:58 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	451288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	448636	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	253995	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58914	1.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	35.40%#
7) Chloroethane-d5	1.916	69	40032	1.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	34.40%#
11) 1,1-Dichloroethene-d2	2.572	65	26292	1.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.00%#
20) 2-Butanone-d5	4.639	46	168618	26.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	53.30%
24) Chloroform-d	5.073	84	125096	2.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	46.20%#
26) 1,2-Dichloroethane-d4	5.710	65	63646	2.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	46.00%#
32) Benzene-d6	5.735	84	260742	2.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	45.80%#
36) 1,2-Dichloropropane-d6	6.700	67	82212	2.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	45.20%#
41) Toluene-d8	7.906	98	248052	2.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	47.20%#
43) trans-1,3-Dichloroprop...	8.185	79	30037	2.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	44.60%#
46) 2-Hexanone-d5	8.642	63	140977	23.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	46.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	70247	2.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	47.20%#
66) 1,2-Dichlorobenzene-d4	12.201	152	96884	2.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	45.80%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81112	2.47	ug/L	98
3) Chloromethane	1.520	50	87007	2.26	ug/L	98
5) Vinyl chloride	1.607	62	92521	2.42	ug/L	98
6) Bromomethane	1.861	94	40616	1.80	ug/L	99
8) Chloroethane	1.938	64	47145	2.19	ug/L	98
9) Trichlorofluoromethane	2.144	101	107708	2.42	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	77936	2.57	ug/L	98
12) 1,1-Dichloroethene	2.584	96	86293	2.90	ug/L	92
13) Acetone	2.642	43	115422	28.74	ug/L	96
14) Carbon disulfide	2.800	76	241147	2.42	ug/L	100
15) Methyl Acetate	2.961	43	27594	2.31	ug/L	97
16) Methylene chloride	3.054	84	84484	1.91	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	154679	2.29	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	79418	2.54	ug/L	95
19) 1,1-Dichloroethane	3.880	63	144535	2.56	ug/L	99
21) 2-Butanone	4.719	43	193631	25.21	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	83769	2.55	ug/L	97
23) Bromochloromethane	4.983	128	41326	2.67	ug/L	89
25) Chloroform	5.099	83	153134	2.74	ug/L	100

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27) 1,2-Dichloroethane	5.803	62	87328	2.53	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	132171	2.83	ug/L	98
30) Cyclohexane	5.398	56	114961	2.22	ug/L	96
31) Carbon tetrachloride	5.533	117	101546	2.60	ug/L	100
33) Benzene	5.784	78	330753	2.55	ug/L	100
34) Trichloroethene	6.549	95	83145	2.50	ug/L	94
35) Methylcyclohexane	6.771	83	123323	2.38	ug/L	98
37) 1,2-Dichloropropane	6.800	63	85880	2.53	ug/L	100
38) Bromodichloromethane	7.115	83	101762	2.57	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	106061	2.35	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	467483	21.60	ug/L	97
42) Toluene	7.976	91	358688	2.63	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	92032	2.37	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	60455	2.48	ug/L	96
47) Tetrachloroethene	8.562	164	83921	3.12	ug/L	97
48) 2-Hexanone	8.693	43	356957	22.23	ug/L	98
49) Dibromochloromethane	8.819	129	70344	2.58	ug/L	99
50) 1,2-Dibromoethane	8.931	107	56339	2.46	ug/L	99
51) Chlorobenzene	9.452	112	224850	2.64	ug/L	98
52) Ethylbenzene	9.578	91	351516	2.52	ug/L	98
53) m,p-Xylene	9.700	106	138805	2.62	ug/L	98
54) o-Xylene	10.108	106	130958	2.59	ug/L	98
55) Styrene	10.121	104	214422	2.51	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	74609	2.41	ug/L	99
59) Bromoform	10.298	173	40851	2.39	ug/L	99
60) Isopropylbenzene	10.491	105	342496	2.46	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	52235	2.15	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	260100	2.32	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	267213	2.32	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	185028	2.58	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	187222	2.59	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	172572	2.50	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	11022	2.22	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	141231	2.46	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	109079	2.31	ug/L	99
71) Naphthalene	14.092	128	160144	1.92	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	104605	2.34	ug/L	100

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

