

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043445.D
 Acq On : 29 Apr 2021 23:41
 Operator : SY/MD
 Sample : M2197-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YARH8MS

Quant Time: Apr 30 08:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87462	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	88427	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46234	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20234	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.916	69	20479	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.572	65	12839	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.80%
20) 2-Butanone-d5	4.639	46	109415	56.09	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	5.073	84	62248	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.710	65	36099	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.735	84	105527	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.700	67	36698	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.906	98	95913	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloroprop...	8.189	79	13211	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.642	63	68049	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30550	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	35207	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	31580	5.63	ug/L	97
3) Chloromethane	1.523	50	30148	5.46	ug/L	97
5) Vinyl chloride	1.607	62	29318	5.10	ug/L	99
6) Bromomethane	1.861	94	15080	4.40	ug/L	97
8) Chloroethane	1.938	64	19587	4.73	ug/L	99
9) Trichlorofluoromethane	2.141	101	49457	4.62	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	28625	4.95	ug/L	97
12) 1,1-Dichloroethene	2.584	96	30472	6.27	ug/L	79
13) Acetone	2.649	43	75634	52.77	ug/L	# 63
14) Carbon disulfide	2.800	76	61124	4.93	ug/L	99
15) Methyl Acetate	2.961	43	14256	5.29	ug/L	# 84
16) Methylene chloride	3.054	84	30471	4.84	ug/L	80
17) Methyl tert-butyl Ether	3.372	73	70841	4.46	ug/L	# 90
18) trans-1,2-Dichloroethene	3.359	96	25572	4.93	ug/L	86
19) 1,1-Dichloroethane	3.880	63	62773	5.56	ug/L	97
21) 2-Butanone	4.719	43	119909	50.69	ug/L	83
22) cis-1,2-Dichloroethene	4.678	96	37297	6.08	ug/L	82
23) Bromochloromethane	4.983	128	14150	5.05	ug/L	# 73
25) Chloroform	5.099	83	73741	6.13	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43865	4.97	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	51315	4.70	ug/L #	91
30) Cyclohexane	5.398	56	41316	4.42	ug/L	85
31) Carbon tetrachloride	5.533	117	47655	5.24	ug/L	99
33) Benzene	5.784	78	120435	5.09	ug/L	100
34) Trichloroethene	6.552	95	277316	42.58	ug/L	93
35) Methylcyclohexane	6.771	83	39994	4.44	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	35193	5.29	ug/L #	97
38) Bromodichloromethane	7.115	83	45750	5.12	ug/L #	97
39) cis-1,3-Dichloropropene	7.616	75	45202	4.65	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	295192	49.57	ug/L #	83
42) Toluene	7.976	91	127297	4.82	ug/L	95
44) trans-1,3-Dichloropropene	8.218	75	40773	4.45	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	23982	4.82	ug/L	95
47) Tetrachloroethene	8.558	164	56497	10.94	ug/L	95
48) 2-Hexanone	8.693	43	227351	51.88	ug/L #	81
49) Dibromochloromethane	8.819	129	28745	4.58	ug/L	97
50) 1,2-Dibromoethane	8.931	107	21709	4.39	ug/L	96
51) Chlorobenzene	9.452	112	77393	4.59	ug/L	91
52) Ethylbenzene	9.578	91	130987	4.33	ug/L	97
53) m,p-Xylene	9.700	106	48100	4.35	ug/L	86
54) o-Xylene	10.108	106	47155	4.30	ug/L	92
55) Styrene	10.121	104	70053	3.73	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	31498	4.82	ug/L	99
59) Bromoform	10.298	173	16311	4.32	ug/L #	98
60) Isopropylbenzene	10.491	105	128202	4.32	ug/L #	96
61) 1,2,3-Trichloropropane	10.828	75	23282	4.87	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	99451	4.10	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	103063	4.13	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	62882	4.47	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	63458	4.44	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	61463	4.49	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	5370	4.62	ug/L	87
69) 1,3,5-Trichlorobenzene	13.227	180	47254	4.09	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	37580	3.93	ug/L	97
71) Naphthalene	14.092	128	69007	4.28	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	37592	4.29	ug/L	99

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

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