

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043247.D
 Acq On : 21 Apr 2021 13:53
 Operator : SY/MD
 Sample : M2055-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4476MSD

Quant Time: Apr 22 04:42:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	85441	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84629	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45737	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18067	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.919	69	17926	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.575	65	12778	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.652	46	116783	61.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.56%
24) Chloroform-d	5.073	84	59897	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.713	65	36744	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	102443	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.700	67	34846	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	97964	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.185	79	14820	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.642	63	73801	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	31545	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	39433	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	15623	2.85	ug/L	98
3) Chloromethane	1.523	50	20796	3.86	ug/L	98
5) Vinyl chloride	1.607	62	22159	3.95	ug/L	97
6) Bromomethane	1.864	94	13895	4.15	ug/L	98
8) Chloroethane	1.941	64	15531	3.84	ug/L	94
9) Trichlorofluoromethane	2.144	101	45892	4.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	26967	4.78	ug/L	95
12) 1,1-Dichloroethene	2.588	96	24423	5.14	ug/L	87
13) Acetone	2.674	43	83304	59.49	ug/L	# 66
14) Carbon disulfide	2.800	76	76238	6.30	ug/L	99
15) Methyl Acetate	2.967	43	17542	6.66	ug/L	# 84
16) Methylene chloride	3.057	84	30607	4.98	ug/L	83
17) Methyl tert-butyl Ether	3.375	73	80769	5.20	ug/L	# 91
18) trans-1,2-Dichloroethene	3.362	96	27785	5.49	ug/L	86
19) 1,1-Dichloroethane	3.880	63	58903	5.34	ug/L	99
21) 2-Butanone	4.732	43	133808	57.90	ug/L	83
22) cis-1,2-Dichloroethene	4.678	96	30271	5.05	ug/L	88
23) Bromochloromethane	4.983	128	15040	5.50	ug/L	# 76
25) Chloroform	5.099	83	63509	5.40	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48034	5.57	ug/L #	93
29) 1,1,1-Trichloroethane	5.324	97	53646	5.14	ug/L	95
30) Cyclohexane	5.398	56	48263	5.39	ug/L	85
31) Carbon tetrachloride	5.533	117	44779	5.14	ug/L	100
33) Benzene	5.784	78	125647	5.55	ug/L	100
34) Trichloroethene	6.549	95	31819	5.10	ug/L	98
35) Methylcyclohexane	6.771	83	46927	5.44	ug/L	88
37) 1,2-Dichloropropane	6.800	63	35001	5.49	ug/L	98
38) Bromodichloromethane	7.115	83	46262	5.41	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	48035	5.16	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	318998	55.97	ug/L #	83
42) Toluene	7.976	91	138663	5.48	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	45572	5.20	ug/L	94
45) 1,1,2-Trichloroethane	8.407	97	25672	5.39	ug/L	96
47) Tetrachloroethene	8.562	164	26344	5.33	ug/L	96
48) 2-Hexanone	8.693	43	249340	59.45	ug/L #	82
49) Dibromochloromethane	8.816	129	31540	5.25	ug/L	94
50) 1,2-Dibromoethane	8.931	107	24582	5.19	ug/L #	98
51) Chlorobenzene	9.452	112	85073	5.28	ug/L	95
52) Ethylbenzene	9.578	91	149365	5.16	ug/L	97
53) m,p-Xylene	9.700	106	55306	5.22	ug/L	88
54) o-Xylene	10.108	106	53566	5.11	ug/L	91
55) Styrene	10.121	104	90019	5.01	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	34020	5.44	ug/L	98
59) Bromoform	10.298	173	19405	5.19	ug/L	97
60) Isopropylbenzene	10.491	105	147772	5.04	ug/L	96
61) 1,2,3-Trichloropropane	10.828	75	25976	5.50	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	119933	5.00	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	121484	4.92	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	71567	5.14	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	72165	5.11	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	69521	5.14	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.002	75	5995	5.21	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	57526	5.03	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	49724	5.25	ug/L	99
71) Naphthalene	14.092	128	90438	5.67	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	47186	5.44	ug/L	97

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

