

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043243.D
 Acq On : 21 Apr 2021 12:17
 Operator : SY/MD
 Sample : M2057-20MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4536MS

Quant Time: Apr 22 04:41:57 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	97531	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	99532	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53588	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17765	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.919	69	16973	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.575	65	11820	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.658	46	112944	51.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.073	84	56897	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.713	65	35585	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.735	84	97953	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.700	67	33671	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.906	98	93964	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloroprop...	8.186	79	13918	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.642	63	67511	39.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31358	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	37760	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16273	2.60	ug/L	97
3) Chloromethane	1.523	50	22118	3.59	ug/L	97
5) Vinyl chloride	1.607	62	25083	3.91	ug/L	99
6) Bromomethane	1.864	94	15250	3.99	ug/L	98
8) Chloroethane	1.938	64	18640	4.04	ug/L	88
9) Trichlorofluoromethane	2.144	101	49725	4.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29552	4.59	ug/L	94
12) 1,1-Dichloroethene	2.588	96	27639	5.10	ug/L	87
13) Acetone	2.681	43	87763	54.91	ug/L	# 68
14) Carbon disulfide	2.800	76	85292	6.17	ug/L	99
15) Methyl Acetate	2.970	43	18456	6.14	ug/L	# 79
16) Methylene chloride	3.054	84	32253	4.60	ug/L	82
17) Methyl tert-butyl Ether	3.375	73	80896	4.56	ug/L	# 91
18) trans-1,2-Dichloroethene	3.363	96	30096	5.21	ug/L	90
19) 1,1-Dichloroethane	3.880	63	63261	5.03	ug/L	93
21) 2-Butanone	4.736	43	144413	54.75	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	36814	5.38	ug/L	90
23) Bromochloromethane	4.986	128	16534	5.30	ug/L	# 73
25) Chloroform	5.099	83	65562	4.88	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52140	5.30	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	58120	4.73	ug/L	94
30) Cyclohexane	5.398	56	52922	5.03	ug/L	85
31) Carbon tetrachloride	5.533	117	49416	4.82	ug/L	99
33) Benzene	5.784	78	133047	5.00	ug/L	100
34) Trichloroethene	6.549	95	42579	5.81	ug/L	96
35) Methylcyclohexane	6.771	83	52461	5.17	ug/L	89
37) 1,2-Dichloropropane	6.800	63	38127	5.09	ug/L #	96
38) Bromodichloromethane	7.115	83	49326	4.90	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	51746	4.73	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	347747	51.88	ug/L #	83
42) Toluene	7.977	91	148766	5.00	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	47432	4.60	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26950	4.81	ug/L	94
47) Tetrachloroethene	8.562	164	29853	5.14	ug/L	88
48) 2-Hexanone	8.694	43	270566	54.85	ug/L #	82
49) Dibromochloromethane	8.816	129	35101	4.97	ug/L	96
50) 1,2-Dibromoethane	8.931	107	26690	4.79	ug/L #	99
51) Chlorobenzene	9.452	112	90287	4.76	ug/L	92
52) Ethylbenzene	9.578	91	159298	4.68	ug/L	98
53) m,p-Xylene	9.700	106	61610	4.95	ug/L	96
54) o-Xylene	10.105	106	57194	4.64	ug/L	89
55) Styrene	10.121	104	99929	4.73	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	36281	4.93	ug/L	100
59) Bromoform	10.298	173	20375	4.65	ug/L	98
60) Isopropylbenzene	10.491	105	156069	4.54	ug/L #	97
61) 1,2,3-Trichloropropane	10.829	75	28317	5.11	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	128525	4.57	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	130111	4.50	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	76437	4.68	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	76758	4.64	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	73859	4.66	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	6830	5.07	ug/L	84
69) 1,3,5-Trichlorobenzene	13.227	180	62151	4.64	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	52288	4.72	ug/L	99
71) Naphthalene	14.095	128	94350	5.05	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	50694	4.99	ug/L	99

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

