

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043426.D
 Acq On : 29 Apr 2021 15:38
 Operator : SY/MD
 Sample : M2162-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4474MS

Quant Time: Apr 30 07:29:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	90495	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	89405	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47464	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22941	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.919	69	22803	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.572	65	14047	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.643	46	113609	56.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	5.073	84	64865	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.713	65	38110	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.736	84	112726	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.700	67	38310	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.906	98	102176	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloroprop...	8.186	79	14893	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.642	63	72893	47.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32762	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	37969	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	31944	5.51	ug/L	99
3) Chloromethane	1.524	50	31485	5.52	ug/L	98
5) Vinyl chloride	1.607	62	30463	5.12	ug/L	98
6) Bromomethane	1.861	94	17537	4.94	ug/L	98
8) Chloroethane	1.938	64	20211	4.72	ug/L	99
9) Trichlorofluoromethane	2.141	101	47881	4.32	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	29987	5.01	ug/L	96
12) 1,1-Dichloroethene	2.585	96	24849	4.94	ug/L	69
13) Acetone	2.652	43	77012	51.93	ug/L	# 64
14) Carbon disulfide	2.800	76	63500	4.95	ug/L	99
15) Methyl Acetate	2.964	43	16390	5.88	ug/L	# 82
16) Methylene chloride	3.051	84	30621	4.70	ug/L	82
17) Methyl tert-butyl Ether	3.372	73	72639	4.42	ug/L	# 90
18) trans-1,2-Dichloroethene	3.363	96	26413	4.92	ug/L	86
19) 1,1-Dichloroethane	3.880	63	62885	5.38	ug/L	98
21) 2-Butanone	4.720	43	121241	49.53	ug/L	83
22) cis-1,2-Dichloroethene	4.675	96	30046	4.73	ug/L	82
23) Bromochloromethane	4.983	128	13905	4.80	ug/L	# 63
25) Chloroform	5.099	83	63411	5.09	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45239	4.95	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	53361	4.84	ug/L #	93
30) Cyclohexane	5.398	56	44548	4.71	ug/L #	82
31) Carbon tetrachloride	5.533	117	43406	4.72	ug/L	99
33) Benzene	5.784	78	122448	5.12	ug/L	100
34) Trichloroethene	6.549	95	30911	4.69	ug/L	93
35) Methylcyclohexane	6.771	83	40373	4.43	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	36475	5.42	ug/L #	96
38) Bromodichloromethane	7.115	83	46021	5.09	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	46987	4.78	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	291681	48.44	ug/L #	83
42) Toluene	7.977	91	130755	4.89	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	42756	4.61	ug/L	98
45) 1,1,2-Trichloroethane	8.408	97	24405	4.85	ug/L	95
47) Tetrachloroethene	8.562	164	26356	5.05	ug/L	97
48) 2-Hexanone	8.694	43	222347	50.18	ug/L #	82
49) Dibromochloromethane	8.819	129	28603	4.51	ug/L	95
50) 1,2-Dibromoethane	8.932	107	22428	4.48	ug/L	100
51) Chlorobenzene	9.453	112	79892	4.69	ug/L	91
52) Ethylbenzene	9.578	91	136265	4.46	ug/L	97
53) m,p-Xylene	9.700	106	50089	4.48	ug/L	88
54) o-Xylene	10.109	106	48682	4.39	ug/L	90
55) Styrene	10.121	104	82156	4.33	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	31700	4.79	ug/L	97
59) Bromoform	10.298	173	16648	4.29	ug/L #	98
60) Isopropylbenzene	10.491	105	135314	4.44	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	23522	4.80	ug/L	96
62) 1,3,5-Trimethylbenzene	11.096	105	106463	4.27	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	106448	4.16	ug/L	96
64) 1,3-Dichlorobenzene	11.752	146	66115	4.57	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	66116	4.51	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	63391	4.51	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	5268	4.41	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	49722	4.19	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	40675	4.14	ug/L	99
71) Naphthalene	14.095	128	70075	4.23	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	39356	4.37	ug/L	99

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

