

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043912.D
 Acq On : 24 May 2021 16:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV136

Manual Integrations
 APPROVED

MMDadoda
 5/26/2021 12:01:00 PM

Quant Time: May 25 04:03:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:54:19 2021
 Response via : Initial Calibration

5/26/2021 12:01:00 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	237406	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	234983	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	130803	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	63228	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.916	69	46003	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.40%			
11) 1,1-Dichloroethene-d2	2.568	65	32826	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.00%			
20) 2-Butanone-d5	4.655	46	216645	51.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.42%			
24) Chloroform-d	5.073	84	152555	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.713	65	77157	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.735	84	315423	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.80%			
36) 1,2-Dichloropropane-d6	6.700	67	97764	5.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.00%			
41) Toluene-d8	7.906	98	301425	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.80%			
43) trans-1,3-Dichloroprop...	8.185	79	38124	5.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 105.20%			
46) 2-Hexanone-d5	8.645	63	179012	56.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.72%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	88165	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
66) 1,2-Dichlorobenzene-d4	12.198	152	122597	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	86116	5.28	ug/L	99
3) Chloromethane	1.523	50	86721	5.11	ug/L	98
5) Vinyl chloride	1.607	62	79904	5.03	ug/L	99
6) Bromomethane	1.858	94	49640	5.13	ug/L	98
8) Chloroethane	1.935	64	43943	5.06	ug/L	96
9) Trichlorofluoromethane	2.141	101	108376	5.08	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	86233	5.51	ug/L	99
12) 1,1-Dichloroethene	2.581	96	84586	5.52	ug/L	91
13) Acetone	2.665	43	126908m	57.43	ug/L	
14) Carbon disulfide	2.797	76	250876	5.43	ug/L	100
15) Methyl Acetate	2.970	43	22938	3.70	ug/L #	74
16) Methylene chloride	3.054	84	103851	5.28	ug/L	99
17) Methyl tert-butyl Ether	3.375	73	176249	5.31	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	84255	5.37	ug/L	98
19) 1,1-Dichloroethane	3.877	63	149378	5.46	ug/L	99
21) 2-Butanone	4.735	43	234451	53.46	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	90724	5.32	ug/L	100
23) Bromochloromethane	4.986	128	45266	5.17	ug/L	99
25) Chloroform	5.099	83	155465	5.10	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	95757	5.32	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	128873	5.29	ug/L	99
30) Cyclohexane	5.398	56	125297	5.62	ug/L	100
31) Carbon tetrachloride	5.533	117	108271	5.20	ug/L	100
33) Benzene	5.784	78	353727	5.57	ug/L	100
34) Trichloroethene	6.549	95	90238	5.46	ug/L	98
35) Methylcyclohexane	6.771	83	134008	5.56	ug/L	99
37) 1,2-Dichloropropane	6.800	63	91100	5.41	ug/L	99
38) Bromodichloromethane	7.115	83	107799	5.33	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	120080	5.49	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	554463	58.49	ug/L	100
42) Toluene	7.976	91	385096	5.75	ug/L	100
44) trans-1,3-Dichloropropene	8.217	75	105742	5.63	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	70276	5.46	ug/L	98
47) Tetrachloroethene	8.558	164	78641	5.52	ug/L	99
48) 2-Hexanone	8.697	43	415860	58.75	ug/L	99
49) Dibromochloromethane	8.816	129	79898	5.36	ug/L	100
50) 1,2-Dibromoethane	8.931	107	66006	5.52	ug/L	98
51) Chlorobenzene	9.452	112	240170	5.50	ug/L	100
52) Ethylbenzene	9.578	91	382483	5.75	ug/L	99
53) m,p-Xylene	9.700	106	151179	5.76	ug/L	94
54) o-Xylene	10.108	106	147748	5.94	ug/L	99
55) Styrene	10.121	104	256267	5.98	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	88030	5.48	ug/L	100
59) Bromoform	10.298	173	48441	5.15	ug/L	99
60) Isopropylbenzene	10.491	105	378789	5.83	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	63642	5.30	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	299820	5.83	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	312193	5.93	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	202550	5.61	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	199790	5.54	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	193514	5.57	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	12716	5.54	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	155596	5.47	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	122029	5.46	ug/L	99
71) Naphthalene	14.092	128	200089	5.59	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	121141	5.68	ug/L	98

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

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