Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050421\
Data File : VU043512.D
Acq On : 04 May 2021 11:50
Operator : SY/MD
Sample : M2195-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 05 07:26:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 05 04:50:58 2021
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GB3H2MS

Manual Integrations APPROVED

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5/6/2021 11:22:52 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	92014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	92664	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47042	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35500	4.80	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.00%			
7) Chloroethane-d5	1.919	69	27425	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.20%			
11) 1,1-Dichloroethene-d2	2.571	65	16711	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.00%			
20) 2-Butanone-d5	4.642	46	119344	51.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.92%			
24) Chloroform-d	5.073	84	70192	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.713	65	42732	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.735	84	129298	5.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.20%			
36) 1,2-Dichloropropane-d6	6.700	67	43773	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.906	98	118448	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloroprop...	8.185	79	16462	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.642	63	83870	56.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.78%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35210	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
66) 1,2-Dichlorobenzene-d4	12.201	152	41047	4.89	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	27780	4.46	ug/L	96
3) Chloromethane	1.523	50	33126	5.04	ug/L	97
5) Vinyl chloride	1.607	62	31487	5.05	ug/L	96
6) Bromomethane	1.861	94	16237	5.51	ug/L	97
8) Chloroethane	1.938	64	21135	5.25	ug/L	100
9) Trichlorofluoromethane	2.144	101	46946	4.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	26823	4.48	ug/L	100
12) 1,1-Dichloroethene	2.588	96	25261	4.91	ug/L	94
13) Acetone	2.652	43	90625	59.16	ug/L	97
14) Carbon disulfide	2.800	76	65525	5.09	ug/L	98
15) Methyl Acetate	2.964	43	14839	4.25	ug/L	96
16) Methylene chloride	3.054	84	33586	4.08	ug/L	97
17) Methyl tert-butyl Ether	3.372	73	78507	5.22	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	27429	5.12	ug/L	99
19) 1,1-Dichloroethane	3.880	63	66469	5.21	ug/L	99
21) 2-Butanone	4.723	43	135264	55.08	ug/L	100
22) cis-1,2-Dichloroethene	4.677	96	34611	5.49	ug/L	91
23) Bromochloromethane	4.986	128	15139	5.40	ug/L	92
25) Chloroform	5.099	83	70979	5.23	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48734	5.29	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	55914	5.13	ug/L	98
30) Cyclohexane	5.398	56	41865	4.81	ug/L	98
31) Carbon tetrachloride	5.533	117	45323	5.08	ug/L	98
33) Benzene	5.784	78	132724	5.43	ug/L	100
34) Trichloroethene	6.549	95	38933	6.25	ug/L	97
35) Methylcyclohexane	6.771	83	35607	4.42	ug/L	98
37) 1,2-Dichloropropane	6.800	63	38955	5.35	ug/L	99
38) Bromodichloromethane	7.115	83	49131	5.20	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	45253	4.68	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	324443	54.40	ug/L	99
42) Toluene	7.976	91	145704	5.71	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	41690	4.74	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	26093	5.18	ug/L	98
47) Tetrachloroethene	8.565	164	2520085	548.80	ug/L	96
48) 2-Hexanone	8.693	43	241403	54.57	ug/L	99
49) Dibromochloromethane	8.819	129	31399m	5.16	ug/L	
50) 1,2-Dibromoethane	8.931	107	24101	5.14	ug/L	97
51) Chlorobenzene	9.455	112	84109	5.18	ug/L	99
52) Ethylbenzene	9.578	91	144240	5.33	ug/L	99
53) m,p-Xylene	9.700	106	52001	5.29	ug/L	99
54) o-Xylene	10.108	106	49503	5.18	ug/L	96
55) Styrene	10.121	104	65232	3.89	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	34081	5.02	ug/L	92
59) Bromoform	10.298	173	17684	5.17	ug/L	100
60) Isopropylbenzene	10.491	105	136316	5.32	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	25123	5.28	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	99653	4.95	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	96280	4.77	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	66233	5.21	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	66773	5.12	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	65654	5.13	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	6054	5.33	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	49183	4.89	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	39215	4.73	ug/L	100
71) Naphthalene	14.095	128	65696	4.60	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	38168	4.90	ug/L	98

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

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