Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
Data File : VU043851.D
Acq On : 20 May 2021 01:28
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005149

Quant Time: May 20 03:58:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu May 20 03:54:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	221825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	223633	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	123001	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66639	4.08	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.60%			
7) Chloroethane-d5	1.916	69	48207	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.571	65	30484	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.80%			
20) 2-Butanone-d5	4.642	46	139404	44.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.64%			
24) Chloroform-d	5.073	84	130786	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.40%			
26) 1,2-Dichloroethane-d4	5.713	65	64687	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.735	84	274450	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
36) 1,2-Dichloropropane-d6	6.700	67	85142	4.70	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.00%			
41) Toluene-d8	7.906	98	253318	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloroprop...	8.185	79	29680	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.642	63	138534	45.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.56%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69803	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.00%			
66) 1,2-Dichlorobenzene-d4	12.201	152	94674	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	83049	5.14	ug/L	99
3) Chloromethane	1.520	50	91958	4.85	ug/L	98
5) Vinyl chloride	1.607	62	97739	5.19	ug/L	99
6) Bromomethane	1.861	94	51146	4.61	ug/L	100
8) Chloroethane	1.938	64	50179	4.74	ug/L	99
9) Trichlorofluoromethane	2.141	101	111712	5.11	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	79201	5.32	ug/L	99
12) 1,1-Dichloroethene	2.584	96	79823	5.45	ug/L	96
13) Acetone	2.652	43	90304	45.74	ug/L	98
14) Carbon disulfide	2.800	76	251414	5.13	ug/L	100
15) Methyl Acetate	2.964	43	27593	4.70	ug/L	98
16) Methylene chloride	3.054	84	96807	4.46	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	163278	4.93	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	82232	5.35	ug/L	96
19) 1,1-Dichloroethane	3.880	63	150118	5.40	ug/L	100
21) 2-Butanone	4.722	43	166728	44.16	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	85916	5.32	ug/L	96
23) Bromochloromethane	4.983	128	43193	5.67	ug/L	88
25) Chloroform	5.099	83	158458	5.76	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	88736	5.23	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	124277	5.33	ug/L	98
30) Cyclohexane	5.398	56	118747	4.59	ug/L	96
31) Carbon tetrachloride	5.533	117	104556	5.37	ug/L	99
33) Benzene	5.784	78	342509	5.29	ug/L	100
34) Trichloroethene	6.549	95	85467	5.15	ug/L	97
35) Methylcyclohexane	6.771	83	120811	4.68	ug/L	99
37) 1,2-Dichloropropane	6.800	63	87351	5.16	ug/L	100
38) Bromodichloromethane	7.115	83	105170	5.33	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	106205	4.72	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	489041	45.32	ug/L	96
42) Toluene	7.976	91	369015	5.43	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	92406	4.76	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	64005	5.26	ug/L	98
47) Tetrachloroethene	8.558	164	71350	5.32	ug/L	99
48) 2-Hexanone	8.693	43	371128	46.36	ug/L	98
49) Dibromochloromethane	8.819	129	73628	5.43	ug/L	100
50) 1,2-Dibromoethane	8.931	107	58932	5.15	ug/L	99
51) Chlorobenzene	9.452	112	224898	5.30	ug/L	99
52) Ethylbenzene	9.578	91	352645	5.07	ug/L	99
53) m,p-Xylene	9.700	106	140817	5.32	ug/L	98
54) o-Xylene	10.108	106	133946	5.31	ug/L	99
55) Styrene	10.121	104	235872	5.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	78077	5.06	ug/L	99
59) Bromoform	10.298	173	42052	5.08	ug/L	99
60) Isopropylbenzene	10.491	105	346189	5.13	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	55075	4.69	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	269451	4.96	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	279180	5.01	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	182535	5.25	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	181854	5.20	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	173574	5.19	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10317	4.28	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	135509	4.88	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	107882	4.72	ug/L	99
71) Naphthalene	14.095	128	166004	4.12	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	104430	4.82	ug/L	99

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

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