Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029986.D
Acq On : 12 May 2021 17:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020035

Manual Integrations APPROVED
Sohil
5/13/2021 10:30:49 AM

Quant Time: May 12 18:31:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	142947	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	637827	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	400032	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	738633	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	635610	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	611560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	27350	7.64	ng/uL	0.00
4) Pyridine-d5	3.48	84	145368	16.22	ng/ul	0.00
7) Phenol-d5	6.73	99	227891	17.14	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	152394	18.49	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	192586	18.77	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	191298	17.40	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	87711	19.96	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	100867	20.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	189602	19.06	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	251503	16.61	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	549923	17.74	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	728684	18.54	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.43	143	62934	12.46	ng/ul	0.00
60) Fluorene-d10	15.19	176	470451	17.87	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	78149	16.29	ng/ul	0.00
73) Anthracene-d10	17.03	188	680353	18.29	ng/ul	-0.01
81) Pyrene-d10	19.33	212	677951	20.79	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	650352	18.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29536	7.625	ng/uL	96
5) Pyridine	3.49	79	154564	16.815	ng/ul	97
6) Benzaldehyde	6.70	77	136713	19.923	ng/ul	97
8) Phenol	6.76	94	239208	17.625	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.98	93	186204	17.351	ng/ul	98
12) 2-Chlorophenol	7.11	128	197394	18.865	ng/ul	98
13) 2-Methylphenol	7.99	108	178785	17.386	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.07	45	334563m	20.697	ng/ul	
16) Acetophenone	8.37	105	299358	16.968	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.35	70	176120	19.511	ng/ul	96
18) 4-Methylphenol	8.32	108	196082	17.201	ng/ul	97
19) Hexachloroethane	8.60	117	86043	19.463	ng/ul	99
22) Nitrobenzene	8.74	77	234815	20.502	ng/ul	97
23) Isophorone	9.26	82	452988	18.699	ng/ul	98
25) 2-Nitrophenol	9.45	139	107892	20.032	ng/ul	92
26) 2,4-Dimethylphenol	9.51	107	231926	19.083	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.75	93	272008	19.170	ng/ul	100
29) 2,4-Dichlorophenol	9.97	162	183351	18.768	ng/ul	96
30) Naphthalene	10.36	128	648185	18.309	ng/ul	100
32) 4-Chloroaniline	10.49	127	259890	16.664	ng/ul	98
33) Hexachlorobutadiene	10.65	225	120737	18.433	ng/ul	96
34) Caprolactam	11.27	113	51780	14.935	ng/ul	94

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35) 4-Chloro-3-methylphenol	11.62	107	199338	18.438	ng/ul	99
36) 2-Methylnaphthalene	11.99	142	463765	18.058	ng/ul	99
37) 1-Methylnaphthalene	12.21	142	458275	18.006	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	233712	18.907	ng/ul	99
40) Hexachlorocyclopentadiene	12.34	237	84630	13.180	ng/ul	98
41) 2,4,6-Trichlorophenol	12.62	196	144513	19.171	ng/ul	98
42) 2,4,5-Trichlorophenol	12.69	196	152502	19.116	ng/ul	96
43) 1,1'-Biphenyl	13.02	154	574146	18.463	ng/ul	98
44) 2-Chloronaphthalene	13.06	162	451142	18.904	ng/ul	98
45) 2-Nitroaniline	13.28	65	131890	21.866	ng/ul	96
47) Dimethylphthalate	13.66	163	558658	17.993	ng/ul	99
48) 2,6-Dinitrotoluene	13.78	165	109004	19.557	ng/ul	97
50) Acenaphthylene	13.91	152	705202	18.556	ng/ul	98
51) 3-Nitroaniline	14.12	138	96030	15.337	ng/ul	95
52) Acenaphthene	14.25	153	494899	18.426	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	52687	13.894	ng/ul	90
55) 4-Nitrophenol	14.44	109	51155	13.174	ng/ul	96
56) Dibenzofuran	14.59	168	667559	18.147	ng/ul	98
57) 2,4-Dinitrotoluene	14.58	165	148213	17.970	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.83	232	131777	17.346	ng/ul	98
59) Diethylphthalate	15.03	149	563332	17.396	ng/ul	99
61) Fluorene	15.24	166	553929	17.614	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.24	204	272431	17.630	ng/ul	99
63) 4-Nitroaniline	15.29	138	93656m	15.090	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	77123	16.334	ng/ul	92
67) N-Nitrosodiphenylamine	15.46	169	469705	19.576	ng/ul	99
68) 4-Bromophenyl-phenylether	16.13	248	156664	19.055	ng/ul	95
69) Hexachlorobenzene	16.24	284	182276	18.669	ng/ul	95
70) Atrazine	16.42	200	151139	17.073	ng/ul	100
71) Pentachlorophenol	16.60	266	87062	15.562	ng/ul	98
72) Phenanthrene	16.98	178	800970	18.391	ng/ul	100
74) Anthracene	17.07	178	815352	18.312	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	249986	21.396	ng/uL	96
76) Pentachlorobenzene	14.51	250	225450	20.234	ng/uL	98
77) Carbazole	17.35	167	684382	16.775	ng/ul	100
78) Di-n-butylphthalate	17.92	149	886771	18.313	ng/ul	100
80) Fluoranthene	19.00	202	838986	21.142	ng/ul	96
82) Pyrene	19.36	202	870557	20.846	ng/ul	98
83) Butylbenzylphthalate	20.27	149	348490	23.481	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.05	252	222813	15.408	ng/ul	97
85) Benzo(a)anthracene	21.11	228	787541	18.991	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.05	149	535206	20.915	ng/ul	97
87) Chrysene	21.16	228	773101	18.717	ng/ul	99
89) Di-n-octyl phthalate	21.90	149	873707	18.669	ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	763913	19.257	ng/ul	99
91) Benzo(k)fluoranthene	22.68	252	782554	18.764	ng/ul	98
93) Benzo(a)pyrene	23.19	252	679895	18.871	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.43	276	875039	20.067	ng/ul	99
95) Dibenzo(a,h)anthracene	25.43	278	739253	20.000	ng/ul	99
96) Benzo(g,h,i)perylene	26.08	276	732123	20.722	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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