Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123895.D
Acq On : 10 May 2021 21:04
Operator : JU/CG
Sample : M2295-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-CMS

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:18 PM

Quant Time: May 11 03:37:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	128391	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	487072	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	251212	20.00	ng		0.00
64) Phenanthrene-d10	11.298	188	461998	20.00	ng		0.00
76) Chrysene-d12	13.933	240	246722	20.00	ng		0.00
86) Perylene-d12	15.374	264	227915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	928362	105.60	ng		0.03
7) Phenol-d6	6.428	99	1243477	105.97	ng		0.01
23) Nitrobenzene-d5	7.339	82	1095792	93.38	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	480879	129.96	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1678594	83.39	ng		0.00
79) Terphenyl-d14	12.880	244	1730747	114.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	126574	31.49	ng	#	81
3) Pyridine	3.410	79	220064	23.41	ng		94
4) n-Nitrosodimethylamine	3.334	42	288244	39.19	ng	#	80
6) Aniline	6.440	93	106696	8.35	ng	#	1
8) 2-Chlorophenol	6.563	128	441826	48.14	ng		98
9) Benzaldehyde	6.322	77	250276	49.50	ng		94
10) Phenol	6.440	94	484317	38.89	ng		89
11) bis(2-Chloroethyl)ether	6.510	93	421547	50.82	ng		97
12) 1,3-Dichlorobenzene	6.710	146	468615	49.32	ng		98
13) 1,4-Dichlorobenzene	6.787	146	471536	49.59	ng		97
14) 1,2-Dichlorobenzene	6.940	146	456672	49.81	ng		98
15) Benzyl Alcohol	6.922	79	486369	51.24	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.051	45	952414	51.90	ng		80
17) 2-Methylphenol	7.040	107	378004	49.22	ng	#	88
18) Hexachloroethane	7.281	117	195247	50.02	ng		98
19) n-Nitroso-di-n-propyla...	7.192	70	366732	51.04	ng		96
20) 3+4-Methylphenols	7.192	107	477819	47.42	ng		94
22) Acetophenone	7.187	105	716174	49.73	ng	#	95
24) Nitrobenzene	7.357	77	572661	47.78	ng		95
25) Isophorone	7.598	82	961624	47.62	ng		100
26) 2-Nitrophenol	7.675	139	225701	47.12	ng	#	92
27) 2,4-Dimethylphenol	7.722	122	381107	51.75	ng		95
28) bis(2-Chloroethoxy)met...	7.810	93	546172	55.98	ng		100
29) 2,4-Dichlorophenol	7.922	162	361933	48.23	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	386401	48.07	ng		99
31) Naphthalene	8.075	128	1246439	46.25	ng		100
32) Benzoic acid	7.869	122	230338	55.81	ng		88
33) 4-Chloroaniline	8.128	127	36653	3.38	ng	#	88
34) Hexachlorobutadiene	8.192	225	243020	45.02	ng		97
35) Caprolactam	8.522	113	92886m	38.15	ng		
36) 4-Chloro-3-methylphenol	8.628	107	452311	47.03	ng		98
37) 2-Methylnaphthalene	8.769	142	851792	48.78	ng		97
38) 1-Methylnaphthalene	8.869	142	809212	48.06	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	398313	46.22	ng		100
41) Hexachlorocyclopentadiene	8.922	237	333452	83.46	ng		98
43) 2,4,6-Trichlorophenol	9.057	196	253691	43.32	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	268195	45.70	ng		95
46) 1,1'-Biphenyl	9.233	154	1047546	46.91	ng		99
47) 2-Chloronaphthalene	9.257	162	759457	44.64	ng		97
48) 2-Nitroaniline	9.363	65	283447	38.10	ng		93
49) Acenaphthylene	9.675	152	1254791	46.14	ng		99
50) Dimethylphthalate	9.545	163	892784	46.83	ng		99
51) 2,6-Dinitrotoluene	9.604	165	187495	43.63	ng		94
52) Acenaphthene	9.845	154	721447	43.72	ng		99
53) 3-Nitroaniline	9.769	138	57553	11.83	ng		93
54) 2,4-Dinitrophenol	9.886	184	217075	105.50	ng	#	88
55) Dibenzofuran	10.022	168	1078440	42.50	ng		99
56) 4-Nitrophenol	9.957	139	234833	69.65	ng	#	79
57) 2,4-Dinitrotoluene	10.010	165	262075	44.29	ng	#	76
58) Fluorene	10.363	166	896528	45.03	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	206762	43.25	ng		99
60) Diethylphthalate	10.239	149	972263	49.44	ng		99
61) 4-Chlorophenyl-phenyle...	10.351	204	428829	45.71	ng		97
62) 4-Nitroaniline	10.392	138	185108	36.67	ng	#	79
63) Azobenzene	10.516	77	995098	45.41	ng		96
65) 4,6-Dinitro-2-methylph...	10.422	198	130072	46.21	ng		83
66) n-Nitrosodiphenylamine	10.475	169	699964	45.69	ng		98
67) 4-Bromophenyl-phenylether	10.845	248	227064	45.92	ng		96
68) Hexachlorobenzene	10.910	284	273379	46.10	ng		98
69) Atrazine	11.010	200	229545	52.10	ng		98
70) Pentachlorophenol	11.110	266	293294	113.23	ng		98
71) Phenanthrene	11.322	178	1268439	48.09	ng		100
72) Anthracene	11.375	178	1257955	47.93	ng		99
73) Carbazole	11.533	167	1147492	44.68	ng		99
74) Di-n-butylphthalate	11.863	149	1390982	51.33	ng		98
75) Fluoranthene	12.510	202	1276023	42.94	ng		98
77) Benzidine	12.627	184	97089	18.78	ng		99
78) Pyrene	12.739	202	1256206	57.88	ng		98
80) Butylbenzylphthalate	13.357	149	423610	55.32	ng		96
81) Benzo(a)anthracene	13.927	228	752065	45.85	ng		98
82) 3,3'-Dichlorobenzidine	13.886	252	60170	12.92	ng		100
83) Chrysene	13.963	228	772878	48.89	ng		99
84) Bis(2-ethylhexyl)phtha...	13.916	149	520111	57.02	ng		96
85) Di-n-octyl phthalate	14.527	149	689340	54.68	ng		99
87) Indeno(1,2,3-cd)pyrene	16.798	276	861626	52.06	ng	#	96
88) Benzo(b)fluoranthene	14.963	252	723733	46.10	ng		98
89) Benzo(k)fluoranthene	14.992	252	690906m	47.70	ng		
90) Benzo(a)pyrene	15.315	252	664797	48.52	ng	#	98
91) Dibenzo(a,h)anthracene	16.815	278	712251	52.67	ng	#	96
92) Benzo(g,h,i)perylene	17.233	276	716876	49.95	ng	#	94

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

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