Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123110.D
Acq On : 4 Feb 2021 12:22
Operator : JU/CG
Sample : PB134405BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134405BSD

Manual Integrations APPROVED
mohammad
2/8/2021 12:16:10 PM

Quant Time: Feb 04 12:45:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	256714	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	1001624	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	542652	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	1003871	20.00	ng	0.00
76) Chrysene-d12	14.086	240	786068	20.00	ng	0.00
86) Perylene-d12	15.568	264	706576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1805379	108.48	ng	0.02
7) Phenol-d6	6.522	99	2339402	103.71	ng	0.00
23) Nitrobenzene-d5	7.457	82	1303274	65.48	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	722511	122.65	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2454453	67.24	ng	0.00
79) Terphenyl-d14	13.021	244	2632920	65.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	351807	42.49	ng	95
3) Pyridine	3.546	79	949244	42.87	ng	94
4) n-Nitrosodimethylamine	3.504	42	413155	44.34	ng	95
6) Aniline	6.557	93	914553	32.94	ng	99
8) 2-Chlorophenol	6.681	128	844808	46.83	ng	98
9) Benzaldehyde	6.440	77	422177	40.94	ng	96
10) Phenol	6.540	94	1061262	47.44	ng	90
11) bis(2-Chloroethyl)ether	6.628	93	819662	44.03	ng	97
12) 1,3-Dichlorobenzene	6.834	146	938556	44.61	ng	96
13) 1,4-Dichlorobenzene	6.910	146	943240	43.05	ng	98
14) 1,2-Dichlorobenzene	7.063	146	910482	44.42	ng	98
15) Benzyl Alcohol	7.034	79	705609	44.62	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1199469	41.78	ng	100
17) 2-Methylphenol	7.145	107	716420	46.67	ng	98
18) Hexachloroethane	7.410	117	351528	45.81	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	595176	43.88	ng	96
20) 3+4-Methylphenols	7.298	107	851928	47.12	ng	94
22) Acetophenone	7.304	105	1137804	43.60	ng	99
24) Nitrobenzene	7.475	77	926356	45.18	ng	98
25) Isophorone	7.716	82	1683751	46.19	ng	100
26) 2-Nitrophenol	7.792	139	460707	54.33	ng	98
27) 2,4-Dimethylphenol	7.828	122	806701	52.72	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1064410	42.79	ng	98
29) 2,4-Dichlorophenol	8.034	162	755585	47.22	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	804910	44.65	ng	99
31) Naphthalene	8.204	128	2450875	44.61	ng	99
32) Benzoic acid	7.957	122	540645	44.29	ng	98
33) 4-Chloroaniline	8.245	127	600073	24.61	ng	99
34) Hexachlorobutadiene	8.322	225	464587	44.62	ng	99
35) Caprolactam	8.622	113	243539m	45.04	ng	
36) 4-Chloro-3-methylphenol	8.728	107	811005	48.75	ng	96
37) 2-Methylnaphthalene	8.892	142	1668282	45.74	ng	98
38) 1-Methylnaphthalene	8.992	142	1561112	45.20	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	749163	44.38	ng	98
41) Hexachlorocyclopentadiene	9.051	237	913052	113.94	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	571839	49.41	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	573958	47.43	ng	99
46) 1,1'-Biphenyl	9.357	154	1986670	44.63	ng	99
47) 2-Chloronaphthalene	9.386	162	1601864	42.99	ng	98
48) 2-Nitroaniline	9.475	65	515750	45.67	ng	85
49) Acenaphthylene	9.804	152	2444468	44.82	ng	99
50) Dimethylphthalate	9.663	163	1904447	44.73	ng	99
51) 2,6-Dinitrotoluene	9.722	165	438044	48.30	ng	92
52) Acenaphthene	9.975	154	1706801	48.72	ng	99
53) 3-Nitroaniline	9.886	138	302152	28.18	ng	91
54) 2,4-Dinitrophenol	9.998	184	418079	99.03	ng	96
55) Dibenzofuran	10.151	168	2163698	42.45	ng	98
56) 4-Nitrophenol	10.051	139	730634	94.25	ng	87
57) 2,4-Dinitrotoluene	10.128	165	585633	49.65	ng	99
58) Fluorene	10.492	166	1666035	40.91	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	495632	48.29	ng	95
60) Diethylphthalate	10.363	149	1877795	44.85	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	828558	43.31	ng	99
62) 4-Nitroaniline	10.510	138	430145	39.92	ng	98
63) Azobenzene	10.645	77	1784917	43.57	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	302562	53.92	ng	91
66) n-Nitrosodiphenylamine	10.604	169	1546139	42.73	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	561506	43.92	ng	96
68) Hexachlorobenzene	11.045	284	603256	43.99	ng	95
69) Atrazine	11.133	200	461177	46.15	ng	98
70) Pentachlorophenol	11.233	266	728583	98.04	ng	99
71) Phenanthrene	11.457	178	2542078	40.77	ng	99
72) Anthracene	11.510	178	2589079	43.29	ng	98
73) Carbazole	11.663	167	2328750	41.95	ng	100
74) Di-n-butylphthalate	11.992	149	2810672	42.70	ng	99
75) Fluoranthene	12.651	202	2635099	42.29	ng	98
77) Benzidine	12.769	184	1115661	62.72	ng	99
78) Pyrene	12.880	202	2638080	44.46	ng	99
80) Butylbenzylphthalate	13.498	149	1207786	47.30	ng	96
81) Benzo(a)anthracene	14.074	228	2345806	44.09	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	671366	40.10	ng	97
83) Chrysene	14.115	228	2301850	43.23	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1602837	47.24	ng	97
85) Di-n-octyl phthalate	14.680	149	2799492	49.13	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	2127880	45.22	ng	98
88) Benzo(b)fluoranthene	15.139	252	2316055	45.41	ng	99
89) Benzo(k)fluoranthene	15.168	252	2224402	46.94	ng	99
90) Benzo(a)pyrene	15.510	252	2022594	45.16	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	1774739	45.83	ng	99
92) Benzo(g,h,i)perylene	17.533	276	1686279	44.93	ng	98

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

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