Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
Data File : BF123145.D
Acq On : 8 Feb 2021 15:05
Operator : JU/CG
Sample : PB134517BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134517BS

Manual Integrations APPROVED
mohammad
2/9/2021 2:10:25 PM

Quant Time: Feb 08 15:26:10 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	6.893	152	230475	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	918810	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	495894	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	891570	20.00	ng		0.00
76) Chrysene-d12	14.086	240	714752	20.00	ng		0.00
86) Perylene-d12	15.574	264	633795	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1785896	119.53	ng		0.02
7) Phenol-d6	6.528	99	2257979	111.49	ng		0.01
23) Nitrobenzene-d5	7.457	82	1467623	80.39	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	753444	139.96	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2705435	81.10	ng		0.00
79) Terphenyl-d14	13.027	244	2957790	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.799	88	240942	32.41	ng		95
3) Pyridine	3.546	79	706657	35.55	ng		95
4) n-Nitrosodimethylamine	3.499	42	342819	40.98	ng		93
6) Aniline	6.557	93	764048	30.65	ng		98
8) 2-Chlorophenol	6.681	128	772328	47.69	ng		99
9) Benzaldehyde	6.445	77	353376	38.17	ng		97
10) Phenol	6.540	94	905584	45.09	ng		94
11) bis(2-Chloroethyl)ether	6.628	93	716729	42.88	ng		99
12) 1,3-Dichlorobenzene	6.834	146	797074	42.20	ng		97
13) 1,4-Dichlorobenzene	6.910	146	813334	41.35	ng		97
14) 1,2-Dichlorobenzene	7.063	146	781169	42.45	ng		98
15) Benzyl Alcohol	7.040	79	597229	42.06	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	975600	37.85	ng		99
17) 2-Methylphenol	7.145	107	660356	47.92	ng		98
18) Hexachloroethane	7.410	117	299198	43.43	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	522686	42.92	ng		96
20) 3+4-Methylphenols	7.298	107	735811	45.33	ng		95
22) Acetophenone	7.304	105	990051	41.35	ng	#	96
24) Nitrobenzene	7.481	77	807627	42.94	ng		99
25) Isophorone	7.716	82	1464944	43.81	ng		100
26) 2-Nitrophenol	7.792	139	409956	52.70	ng		99
27) 2,4-Dimethylphenol	7.828	122	703449	50.12	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	917389	40.21	ng		98
29) 2,4-Dichlorophenol	8.034	162	660124	44.98	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	701019	42.40	ng		98
31) Naphthalene	8.204	128	2138524	42.43	ng		99
32) Benzoic acid	7.963	122	415499	37.90	ng		99
33) 4-Chloroaniline	8.245	127	481540	21.53	ng		99
34) Hexachlorobutadiene	8.322	225	416432	43.60	ng		99
35) Caprolactam	8.628	113	212209m	42.78	ng		
36) 4-Chloro-3-methylphenol	8.734	107	728883	47.76	ng		95
37) 2-Methylnaphthalene	8.892	142	1445223	43.19	ng		99
38) 1-Methylnaphthalene	8.992	142	1360703	42.95	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	677736	43.93	ng		99
41) Hexachlorocyclopentadiene	9.051	237	808542	110.41	ng		95
43) 2,4,6-Trichlorophenol	9.175	196	487751	46.12	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	530710	47.99	ng		97
46) 1,1'-Biphenyl	9.363	154	1751513	43.06	ng		99
47) 2-Chloronaphthalene	9.386	162	1397279	41.04	ng		99
48) 2-Nitroaniline	9.481	65	446978	43.31	ng		91
49) Acenaphthylene	9.804	152	2134695	42.84	ng		99
50) Dimethylphthalate	9.663	163	1699477	43.68	ng		99
51) 2,6-Dinitrotoluene	9.722	165	393300	47.45	ng	#	89
52) Acenaphthene	9.975	154	1501878m	46.92	ng		
53) 3-Nitroaniline	9.892	138	253251	25.84	ng		99
54) 2,4-Dinitrophenol	9.998	184	375887	97.54	ng		96
55) Dibenzofuran	10.151	168	1919320	41.20	ng		100
56) 4-Nitrophenol	10.057	139	602380	85.03	ng		85
57) 2,4-Dinitrotoluene	10.128	165	524554	48.67	ng		96
58) Fluorene	10.492	166	1487618	39.98	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	461632	49.22	ng		99
60) Diethylphthalate	10.363	149	1668974	43.63	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	745019	42.61	ng		100
62) 4-Nitroaniline	10.516	138	384021	39.00	ng		95
63) Azobenzene	10.645	77	1525921	40.76	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	266450	53.51	ng		93
66) n-Nitrosodiphenylamine	10.604	169	1376553	42.83	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	504761	44.45	ng		97
68) Hexachlorobenzene	11.045	284	555974	45.65	ng		97
69) Atrazine	11.133	200	408592	46.04	ng		99
70) Pentachlorophenol	11.239	266	647875	98.16	ng		99
71) Phenanthrene	11.463	178	2236901	40.40	ng		100
72) Anthracene	11.510	178	2319300	43.66	ng		99
73) Carbazole	11.663	167	2062367	41.84	ng		99
74) Di-n-butylphthalate	11.992	149	2489620	42.59	ng		99
75) Fluoranthene	12.651	202	2368591	42.80	ng		99
77) Benzidine	12.769	184	710361	43.92	ng		99
78) Pyrene	12.886	202	2352738	43.60	ng		100
80) Butylbenzylphthalate	13.498	149	1080961	46.56	ng		99
81) Benzo(a)anthracene	14.074	228	2144444	44.33	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	580580	38.14	ng		98
83) Chrysene	14.116	228	2105458	43.49	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	1443131	46.78	ng		98
85) Di-n-octyl phthalate	14.680	149	2467896	47.63	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	1918319	45.45	ng		98
88) Benzo(b)fluoranthene	15.139	252	2233085	48.81	ng		99
89) Benzo(k)fluoranthene	15.174	252	1821359	42.85	ng		98
90) Benzo(a)pyrene	15.515	252	1791501	44.59	ng		100
91) Dibenzo(a,h)anthracene	17.104	278	1607818	46.28	ng		99
92) Benzo(g,h,i)perylene	17.545	276	1541686	45.79	ng		99

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

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