Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125745.D
Acq On : 1 Oct 2021 11:05
Operator : JU/CG
Sample : PB139493BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 01 11:54:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB139493BS

Manual Integrations APPROVED
mohammad
10/4/2021 11:53:24 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	226260	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	952263	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	500612	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	810551	20.00	ng		# 0.00
76) Chrysene-d12	14.051	240	419907	20.00	ng		0.00
86) Perylene-d12	15.521	264	422513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1762925	128.37	ng		0.01
7) Phenol-d6	6.516	99	2165912	117.31	ng		0.00
23) Nitrobenzene-d5	7.451	82	1320397	96.71	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	627024	134.34	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2502744	90.73	ng		0.00
79) Terphenyl-d14	12.998	244	2149784	88.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	206069	35.26	ng	#	100
3) Pyridine	3.499	79	487672	31.55	ng	#	72
4) n-Nitrosodimethylamine	3.446	42	241062	42.03	ng	#	1
6) Aniline	6.551	93	941141	44.15	ng		94
8) 2-Chlorophenol	6.675	128	722909	46.41	ng		98
9) Benzaldehyde	6.440	77	408138	50.87	ng		94
10) Phenol	6.534	94	812660m	43.54	ng		
11) bis(2-Chloroethyl)ether	6.622	93	644911	44.47	ng		98
12) 1,3-Dichlorobenzene	6.834	146	730338m	42.46	ng		
13) 1,4-Dichlorobenzene	6.910	146	742664	42.44	ng		98
14) 1,2-Dichlorobenzene	7.057	146	722509	43.76	ng		99
15) Benzyl Alcohol	7.028	79	545462	42.59	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	801349	43.41	ng		87
17) 2-Methylphenol	7.140	107	564919	44.22	ng		97
18) Hexachloroethane	7.404	117	261799	46.09	ng		90
19) n-Nitroso-di-n-propyla...	7.304	70	424127	40.35	ng	#	68
20) 3+4-Methylphenols	7.293	107	665305	41.43	ng		90
22) Acetophenone	7.298	105	889438	41.16	ng	#	91
24) Nitrobenzene	7.469	77	668006	48.10	ng		97
25) Isophorone	7.710	82	1202118	39.32	ng		94
26) 2-Nitrophenol	7.787	139	370666	50.53	ng	#	94
27) 2,4-Dimethylphenol	7.822	122	651248	47.89	ng		96
28) bis(2-Chloroethoxy)met...	7.916	93	792641	45.96	ng		97
29) 2,4-Dichlorophenol	8.028	162	605290	44.81	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	619566	42.14	ng		97
31) Naphthalene	8.192	128	1983414	40.57	ng		100
32) Benzoic acid	7.940	122	425016	43.61	ng		97
33) 4-Chloroaniline	8.240	127	691724	33.73	ng		98
34) Hexachlorobutadiene	8.310	225	337936	41.68	ng		99
35) Caprolactam	8.610	113	192438m	43.66	ng		
36) 4-Chloro-3-methylphenol	8.722	107	604837	42.73	ng		96
37) 2-Methylnaphthalene	8.887	142	1361614	41.06	ng		98
38) 1-Methylnaphthalene	8.987	142	1264173	40.34	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	552189	42.41	ng		99
41) Hexachlorocyclopentadiene	9.040	237	650547	118.10	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	425818	46.64	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	453486	46.00	ng		93
46) 1,1'-Biphenyl	9.351	154	1532722	41.52	ng		98
47) 2-Chloronaphthalene	9.375	162	1284390	42.03	ng		98
48) 2-Nitroaniline	9.469	65	343719	47.71	ng	#	81
49) Acenaphthylene	9.792	152	1926507	41.87	ng		97
50) Dimethylphthalate	9.651	163	1461726	43.34	ng	#	99
51) 2,6-Dinitrotoluene	9.710	165	333317	48.47	ng	#	87
52) Acenaphthene	9.963	154	1287920	44.65	ng		96
53) 3-Nitroaniline	9.875	138	297843	38.64	ng		89
54) 2,4-Dinitrophenol	9.981	184	281671	85.21	ng	#	80
55) Dibenzofuran	10.134	168	1740168	40.21	ng		97
56) 4-Nitrophenol	10.034	139	544368	87.63	ng		88
57) 2,4-Dinitrotoluene	10.110	165	439349	50.94	ng	#	84
58) Fluorene	10.475	166	1313120	38.98	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	350362	46.18	ng	#	88
60) Diethylphthalate	10.351	149	1393165	42.85	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	593129	39.61	ng		89
62) 4-Nitroaniline	10.492	138	336348	43.94	ng	#	73
63) Azobenzene	10.628	77	1267379	40.37	ng	#	84
65) 4,6-Dinitro-2-methylph...	10.522	198	185926	47.29	ng	#	67
66) n-Nitrosodiphenylamine	10.586	169	1213070	43.60	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	378236	44.46	ng		98
68) Hexachlorobenzene	11.028	284	447724	44.85	ng	#	81
69) Atrazine	11.110	200	375192	50.85	ng		95
70) Pentachlorophenol	11.216	266	475882	90.19	ng		96
71) Phenanthrene	11.439	178	1857147	40.86	ng		96
72) Anthracene	11.492	178	1921939	42.79	ng		97
73) Carbazole	11.639	167	1719621	38.90	ng		99
74) Di-n-butylphthalate	11.969	149	1938975	43.51	ng		100
75) Fluoranthene	12.622	202	1729038	35.59	ng		96
77) Benzidine	12.739	184	1039678	94.25	ng		97
78) Pyrene	12.851	202	1738261	45.81	ng		97
80) Butylbenzylphthalate	13.469	149	602155	47.92	ng		98
81) Benzo(a)anthracene	14.039	228	1196403	41.94	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	373801	45.42	ng		99
83) Chrysene	14.074	228	1195514	41.77	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	674979	46.92	ng		99
85) Di-n-octyl phthalate	14.639	149	1132010	53.65	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.015	276	1387463	48.38	ng		97
88) Benzo(b)fluoranthene	15.092	252	1175413	39.71	ng		98
89) Benzo(k)fluoranthene	15.121	252	1193887	42.10	ng		97
90) Benzo(a)pyrene	15.463	252	1176926	44.66	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1155578	48.21	ng		97
92) Benzo(g,h,i)perylene	17.468	276	1200880	49.05	ng		93

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

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