Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100821\
Data File : BF125777.D
Acq On : 8 Oct 2021 11:58
Operator : JU/CG
Sample : PB139661BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139661BS

Manual Integrations APPROVED
mohammad
10/11/2021 2:11:05 PM

Quant Time: Oct 08 15:46:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 17:16:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	260336	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	1061363	20.00	ng		# 0.00
39) Acenaphthene-d10	9.880	164	551502	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	894448	20.00	ng		# 0.00
76) Chrysene-d12	13.998	240	427813	20.00	ng		0.00
86) Perylene-d12	15.445	264	417164	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1375197	86.29	ng		0.01
7) Phenol-d6	6.475	99	1652314	80.54	ng		0.00
23) Nitrobenzene-d5	7.410	82	1512459	88.58	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	462725	84.98	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2731752	85.44	ng		0.00
79) Terphenyl-d14	12.945	244	2542526	90.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	238593	35.16	ng	#	100
3) Pyridine	3.428	79	555299	31.63	ng	#	72
4) n-Nitrosodimethylamine	3.387	42	283667	44.89	ng	#	1
6) Aniline	6.510	93	1020188	43.19	ng		94
8) 2-Chlorophenol	6.628	128	803260	46.02	ng		98
9) Benzaldehyde	6.392	77	462671	41.56	ng		93
10) Phenol	6.487	94	890332m	44.63	ng		
11) bis(2-Chloroethyl)ether	6.581	93	728425	45.06	ng		98
12) 1,3-Dichlorobenzene	6.787	146	815691	42.84	ng		96
13) 1,4-Dichlorobenzene	6.863	146	843585	43.44	ng		98
14) 1,2-Dichlorobenzene	7.016	146	779171	42.84	ng		98
15) Benzyl Alcohol	6.987	79	616728	45.36	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	936075	45.28	ng		87
17) 2-Methylphenol	7.098	107	618868	44.54	ng		97
18) Hexachloroethane	7.363	117	299744	44.83	ng	#	87
19) n-Nitroso-di-n-propyla...	7.263	70	484536	44.74	ng	#	68
20) 3+4-Methylphenols	7.251	107	715197	41.73	ng		91
22) Acetophenone	7.257	105	1005266	43.09	ng	#	92
24) Nitrobenzene	7.428	77	743623	44.94	ng		96
25) Isophorone	7.669	82	1363571	45.08	ng		94
26) 2-Nitrophenol	7.745	139	412654	49.31	ng	#	92
27) 2,4-Dimethylphenol	7.781	122	700680	50.28	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	895259	42.64	ng		97
29) 2,4-Dichlorophenol	7.981	162	655868	43.69	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	695227	42.23	ng		97
31) Naphthalene	8.151	128	2194654	42.77	ng		99
32) Benzoic acid	7.904	122	468245	47.79	ng		98
33) 4-Chloroaniline	8.192	127	743207	34.61	ng		99
34) Hexachlorobutadiene	8.269	225	387581	42.15	ng		99
35) Caprolactam	8.569	113	198749m	45.82	ng		
36) 4-Chloro-3-methylphenol	8.675	107	641746	43.76	ng		98
37) 2-Methylnaphthalene	8.839	142	1512743	45.52	ng		99
38) 1-Methylnaphthalene	8.939	142	1382792	42.88	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	598185	40.41	ng		98
41) Hexachlorocyclopentadiene	8.998	237	726802	100.05	ng		98
43) 2,4,6-Trichlorophenol	9.116	196	461840	43.05	ng		97

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44) 2,4,5-Trichlorophenol	9.151	196	479534	42.04	ng		94
46) 1,1'-Biphenyl	9.304	154	1659246	40.92	ng		96
47) 2-Chloronaphthalene	9.328	162	1394984	42.37	ng		98
48) 2-Nitroaniline	9.422	65	366245	46.34	ng		90
49) Acenaphthylene	9.745	152	2084505	43.23	ng		97
50) Dimethylphthalate	9.604	163	1553146	42.78	ng		97
51) 2,6-Dinitrotoluene	9.663	165	349739	47.66	ng		95
52) Acenaphthene	9.916	154	1406841	46.70	ng		98
53) 3-Nitroaniline	9.833	138	327233	37.71	ng		96
54) 2,4-Dinitrophenol	9.939	184	329311	105.72	ng	#	72
55) Dibenzofuran	10.086	168	1875541	41.56	ng		97
56) 4-Nitrophenol	9.992	139	605649	93.64	ng		90
57) 2,4-Dinitrotoluene	10.069	165	465370	50.16	ng	#	82
58) Fluorene	10.433	166	1383323	41.86	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.204	232	373767	43.41	ng	#	89
60) Diethylphthalate	10.304	149	1505545	43.46	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	634060	39.83	ng		90
62) 4-Nitroaniline	10.445	138	372461	46.45	ng	#	76
63) Azobenzene	10.580	77	1389120	42.66	ng		85
65) 4,6-Dinitro-2-methylph...	10.475	198	212587	47.65	ng	#	74
66) n-Nitrosodiphenylamine	10.539	169	1284231	42.09	ng		95
67) 4-Bromophenyl-phenylether	10.910	248	415855	41.98	ng		98
68) Hexachlorobenzene	10.980	284	488747	43.54	ng	#	80
69) Atrazine	11.069	200	405177	45.75	ng		92
70) Pentachlorophenol	11.169	266	516805	86.12	ng		95
71) Phenanthrene	11.392	178	2014456	42.09	ng		96
72) Anthracene	11.439	178	2044493	42.77	ng		97
73) Carbazole	11.592	167	1874017	42.13	ng		99
74) Di-n-butylphthalate	11.927	149	2145024	43.68	ng		99
75) Fluoranthene	12.574	202	1900049	44.00	ng		96
77) Benzidine	12.692	184	1091415	69.71	ng		97
78) Pyrene	12.804	202	1919743	44.17	ng		96
80) Butylbenzylphthalate	13.421	149	706371	50.70	ng		96
81) Benzo(a)anthracene	13.986	228	1189354	42.85	ng		100
82) 3,3'-Dichlorobenzidine	13.945	252	334829	38.18	ng		98
83) Chrysene	14.021	228	1234575	45.00	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	763328	50.36	ng		99
85) Di-n-octyl phthalate	14.586	149	1128652	44.69	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.904	276	1462584	45.94	ng		98
88) Benzo(b)fluoranthene	15.027	252	1139166	48.37	ng		98
89) Benzo(k)fluoranthene	15.057	252	1144531m	47.33	ng		
90) Benzo(a)pyrene	15.392	252	1171057	56.15	ng		96
91) Dibenzo(a,h)anthracene	16.921	278	1227401	46.73	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1270206	47.36	ng		94

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

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