Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100121\
Data File : BF125746.D
Acq On : 1 Oct 2021 11:35
Operator : JU/CG
Sample : PB139493BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139493BSD

Manual Integrations APPROVED
mohammad
10/4/2021 11:53:27 AM

Quant Time: Oct 01 12:13:30 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	225092	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	943252	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	492919	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	785016	20.00	ng		# 0.00
76) Chrysene-d12	14.045	240	383197	20.00	ng		0.00
86) Perylene-d12	15.521	264	423621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1741302	127.45	ng		0.01
7) Phenol-d6	6.522	99	2134965	116.24	ng		0.01
23) Nitrobenzene-d5	7.451	82	1309634	96.84	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	615961	134.03	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	2417700	88.72	ng		0.00
79) Terphenyl-d14	12.992	244	1986275	89.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	203152	34.94	ng	#	100
3) Pyridine	3.499	79	480604	31.25	ng	#	72
4) n-Nitrosodimethylamine	3.446	42	240088	42.07	ng	#	1
6) Aniline	6.551	93	929126	43.81	ng		95
8) 2-Chlorophenol	6.675	128	713335	46.03	ng		98
9) Benzaldehyde	6.440	77	399386	49.85	ng		93
10) Phenol	6.534	94	796618m	42.91	ng		
11) bis(2-Chloroethyl)ether	6.622	93	638135	44.23	ng		98
12) 1,3-Dichlorobenzene	6.834	146	717761	41.94	ng		96
13) 1,4-Dichlorobenzene	6.910	146	737731	42.37	ng		99
14) 1,2-Dichlorobenzene	7.063	146	715330	43.55	ng		98
15) Benzyl Alcohol	7.028	79	532496	41.80	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	791697	43.11	ng		87
17) 2-Methylphenol	7.140	107	556877	43.82	ng		98
18) Hexachloroethane	7.404	117	257489	45.56	ng		91
19) n-Nitroso-di-n-propyla...	7.304	70	420130	40.17	ng	#	68
20) 3+4-Methylphenols	7.292	107	659026	41.25	ng		92
22) Acetophenone	7.298	105	878108	41.03	ng	#	90
24) Nitrobenzene	7.469	77	659687	47.96	ng		96
25) Isophorone	7.710	82	1196214	39.50	ng		94
26) 2-Nitrophenol	7.787	139	369024	50.76	ng	#	93
27) 2,4-Dimethylphenol	7.822	122	640266	47.54	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	783015	45.84	ng		99
29) 2,4-Dichlorophenol	8.028	162	587286	43.89	ng		100
30) 1,2,4-Trichlorobenzene	8.116	180	616882	42.35	ng		97
31) Naphthalene	8.192	128	1971312	40.70	ng		100
32) Benzoic acid	7.939	122	424578	43.91	ng		96
33) 4-Chloroaniline	8.239	127	675880	33.27	ng		98
34) Hexachlorobutadiene	8.316	225	335754	41.81	ng		99
35) Caprolactam	8.610	113	185607m	42.51	ng		
36) 4-Chloro-3-methylphenol	8.716	107	587755	41.92	ng		98
37) 2-Methylnaphthalene	8.886	142	1338685	40.75	ng		99
38) 1-Methylnaphthalene	8.986	142	1237342	39.86	ng		96
40) 1,2,4,5-Tetrachloroben...	9.051	216	545377	42.54	ng		99
41) Hexachlorocyclopentadiene	9.039	237	651457	120.11	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	414816	46.14	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	454847	46.86	ng		92
46) 1,1'-Biphenyl	9.351	154	1507879	41.49	ng		98
47) 2-Chloronaphthalene	9.375	162	1273151	42.31	ng		98
48) 2-Nitroaniline	9.469	65	336539	47.47	ng	#	82
49) Acenaphthylene	9.792	152	1888571	41.69	ng		97
50) Dimethylphthalate	9.651	163	1420043	42.76	ng	#	98
51) 2,6-Dinitrotoluene	9.710	165	323625	47.85	ng	#	87
52) Acenaphthene	9.963	154	1257713	44.28	ng		98
53) 3-Nitroaniline	9.875	138	284530	37.58	ng		91
54) 2,4-Dinitrophenol	9.980	184	272277	84.16	ng	#	77
55) Dibenzofuran	10.133	168	1685840	39.56	ng		97
56) 4-Nitrophenol	10.033	139	503378	82.29	ng		88
57) 2,4-Dinitrotoluene	10.110	165	424887	50.12	ng	#	86
58) Fluorene	10.475	166	1280088	38.59	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	341011	45.65	ng	#	88
60) Diethylphthalate	10.345	149	1348891	42.13	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	590622	40.06	ng		88
62) 4-Nitroaniline	10.492	138	315997	42.01	ng	#	71
63) Azobenzene	10.628	77	1222911	39.56	ng		84
65) 4,6-Dinitro-2-methylph...	10.522	198	176949	46.63	ng	#	64
66) n-Nitrosodiphenylamine	10.586	169	1158154	42.98	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	370464	44.97	ng		97
68) Hexachlorobenzene	11.027	284	436364	45.13	ng	#	79
69) Atrazine	11.110	200	359904	50.37	ng		95
70) Pentachlorophenol	11.216	266	457435	89.51	ng		96
71) Phenanthrene	11.439	178	1789392	40.65	ng		97
72) Anthracene	11.486	178	1847291	42.47	ng		98
73) Carbazole	11.639	167	1604059	37.47	ng		99
74) Di-n-butylphthalate	11.969	149	1794765	41.59	ng		99
75) Fluoranthene	12.621	202	1594285	33.89	ng		95
77) Benzidine	12.739	184	942808	93.66	ng		97
78) Pyrene	12.851	202	1598032	46.14	ng		96
80) Butylbenzylphthalate	13.469	149	534349	46.59	ng		95
81) Benzo(a)anthracene	14.039	228	1100493	42.28	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	345401	45.99	ng		98
83) Chrysene	14.074	228	1092822	41.84	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	612809	46.68	ng		98
85) Di-n-octyl phthalate	14.639	149	1088038	56.51	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.009	276	1376932	47.88	ng		97
88) Benzo(b)fluoranthene	15.092	252	1170353	39.43	ng		97
89) Benzo(k)fluoranthene	15.121	252	1149389	40.42	ng		98
90) Benzo(a)pyrene	15.463	252	1184850	44.85	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1149486	47.83	ng		98
92) Benzo(g,h,i)perylene	17.468	276	1188015	48.40	ng		92

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

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