Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125687.D
Acq On : 28 Sep 2021 13:58
Operator : JU/CG
Sample : PB139432BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139432BS

Manual Integrations APPROVED
mohammad
9/29/2021 12:54:59 PM

Quant Time: Sep 28 15:16:11 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	337742	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1452604	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	759519	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1138905	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	585698	20.000	ng	0.00
86) Perylene-d12	15.521	264	666835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2408726	117.502	ng	0.02
7) Phenol-d6	6.522	99	3031032	109.980	ng	0.01
23) Nitrobenzene-d5	7.457	82	1871036	89.842	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	809427	114.301	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3264656	75.783	ng	0.00
79) Terphenyl-d14	12.998	244	2469078	73.004	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	304331	34.883	ng	# 100
3) Pyridine	3.516	79	721300	31.258	ng	# 70
4) n-Nitrosodimethylamine	3.475	42	370934	43.322	ng	# 1
6) Aniline	6.551	93	1324790	41.632	ng	95
8) 2-Chlorophenol	6.675	128	1067636	45.914	ng	98
9) Benzaldehyde	6.440	77	575581	47.425	ng	93
10) Phenol	6.534	94	1183053m	42.466	ng	
11) bis(2-Chloroethyl)ether	6.628	93	955590	44.138	ng	97
12) 1,3-Dichlorobenzene	6.834	146	1051251	40.943	ng	96
13) 1,4-Dichlorobenzene	6.910	146	1073430	41.091	ng	99
14) 1,2-Dichlorobenzene	7.063	146	1047398	42.496	ng	98
15) Benzyl Alcohol	7.034	79	812111	42.482	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1195626	43.386	ng	88
17) 2-Methylphenol	7.139	107	847106	44.425	ng	97
18) Hexachloroethane	7.404	117	381769	45.024	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	642250	40.930	ng	# 68
20) 3+4-Methylphenols	7.292	107	996409	41.564	ng	94
22) Acetophenone	7.304	105	1338652	40.613	ng	# 89
24) Nitrobenzene	7.475	77	977663	46.150	ng	97
25) Isophorone	7.716	82	1832618	39.293	ng	95
26) 2-Nitrophenol	7.787	139	550507	49.350	ng	91
27) 2,4-Dimethylphenol	7.822	122	970762	46.801	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	1189849	45.229	ng	98
29) 2,4-Dichlorophenol	8.028	162	886899	43.044	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	897749	40.024	ng	96
31) Naphthalene	8.198	128	2799657	37.537	ng	98
32) Benzoic acid	7.957	122	661373	44.316	ng	98
33) 4-Chloroaniline	8.239	127	916520	29.295	ng	98
34) Hexachlorobutadiene	8.316	225	485217	39.233	ng	99
35) Caprolactam	8.616	113	274565m	40.834	ng	
36) 4-Chloro-3-methylphenol	8.722	107	880397	40.776	ng	99
37) 2-Methylnaphthalene	8.886	142	1923524	38.025	ng	98
38) 1-Methylnaphthalene	8.986	142	1805730	37.772	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	779151	39.444	ng	99
41) Hexachlorocyclopentadiene	9.045	237	853727	102.149	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	612903	44.246	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	642903	42.987	ng		92
46) 1,1'-Biphenyl	9.351	154	2132999	38.086	ng		93
47) 2-Chloronaphthalene	9.375	162	1821360	39.280	ng		99
48) 2-Nitroaniline	9.469	65	498053	45.753	ng		89
49) Acenaphthylene	9.792	152	2660171	38.110	ng		94
50) Dimethylphthalate	9.651	163	2016152	39.404	ng		97
51) 2,6-Dinitrotoluene	9.710	165	466058	44.990	ng		95
52) Acenaphthene	9.963	154	1802362	41.183	ng		97
53) 3-Nitroaniline	9.880	138	409403	35.303	ng		95
54) 2,4-Dinitrophenol	9.986	184	387392	79.737	ng	#	69
55) Dibenzofuran	10.133	168	2417239	36.815	ng		98
56) 4-Nitrophenol	10.039	139	739367	78.445	ng		85
57) 2,4-Dinitrotoluene	10.116	165	596922	46.123	ng	#	79
58) Fluorene	10.480	166	1783432	34.896	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	477485	41.484	ng	#	89
60) Diethylphthalate	10.351	149	1878239	38.076	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	822167	36.192	ng		89
62) 4-Nitroaniline	10.498	138	459786	39.779	ng	#	73
63) Azobenzene	10.628	77	1780194	37.376	ng		85
65) 4,6-Dinitro-2-methylph...	10.522	198	254630	46.322	ng	#	74
66) n-Nitrosodiphenylamine	10.586	169	1651500	42.241	ng		94
67) 4-Bromophenyl-phenylether	10.957	248	524441	43.877	ng		97
68) Hexachlorobenzene	11.027	284	611435	43.587	ng	#	83
69) Atrazine	11.110	200	463528	44.713	ng		95
70) Pentachlorophenol	11.216	266	619607	83.572	ng		96
71) Phenanthrene	11.439	178	2406227	37.676	ng		93
72) Anthracene	11.492	178	2454044	38.886	ng		95
73) Carbazole	11.639	167	2212292	35.620	ng		99
74) Di-n-butylphthalate	11.974	149	2366771	37.799	ng		99
75) Fluoranthene	12.621	202	2130148	31.208	ng		95
77) Benzidine	12.739	184	959277	62.346	ng		97
78) Pyrene	12.851	202	2092926m	39.540	ng		
80) Butylbenzylphthalate	13.468	149	736613	42.024	ng		98
81) Benzo(a)anthracene	14.039	228	1597582	40.155	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	559976	48.779	ng		98
83) Chrysene	14.074	228	1600766	40.093	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	918737	45.786	ng		100
85) Di-n-octyl phthalate	14.639	149	1776952	60.378	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.015	276	2151507	47.531	ng		97
88) Benzo(b)fluoranthene	15.092	252	1794739	38.415	ng		99
89) Benzo(k)fluoranthene	15.121	252	1814352	40.533	ng	#	97
90) Benzo(a)pyrene	15.462	252	1834179	44.104	ng		98
91) Dibenzo(a,h)anthracene	17.033	278	1782691	47.119	ng		99
92) Benzo(g,h,i)perylene	17.468	276	1837129	47.546	ng		94

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

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