Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125704.D
Acq On : 29 Sep 2021 10:32
Operator : JU/CG
Sample : PB139444BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139444BS

Manual Integrations APPROVED
mohammad
9/30/2021 11:31:07 AM

Quant Time: Sep 29 11:46:24 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	6.886	152	287507	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1209645	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	639632	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	986820	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	495469	20.000	ng	0.00
86) Perylene-d12	15.521	264	522097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2174285	124.598	ng	0.02
7) Phenol-d6	6.522	99	2696250	114.926	ng	0.01
23) Nitrobenzene-d5	7.451	82	1654262	95.388	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	744754	124.881	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2949907	82.469	ng	0.00
79) Terphenyl-d14	12.992	244	2355628	82.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	273967	36.890	ng	# 100
3) Pyridine	3.516	79	609853	31.046	ng	# 69
4) n-Nitrosodimethylamine	3.469	42	326085	44.739	ng	# 1
6) Aniline	6.551	93	1121534	41.403	ng	94
8) 2-Chlorophenol	6.675	128	938666	47.421	ng	98
9) Benzaldehyde	6.439	77	424602	39.575	ng	93
10) Phenol	6.533	94	1062558m	44.805	ng	
11) bis(2-Chloroethyl)ether	6.628	93	864457	46.906	ng	94
12) 1,3-Dichlorobenzene	6.833	146	939404	42.979	ng	# 95
13) 1,4-Dichlorobenzene	6.910	146	960190	43.179	ng	97
14) 1,2-Dichlorobenzene	7.063	146	934062	44.519	ng	98
15) Benzyl Alcohol	7.028	79	713044	43.817	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1046560	44.612	ng	87
17) 2-Methylphenol	7.139	107	739516	45.559	ng	97
18) Hexachloroethane	7.404	117	340757	47.209	ng	93
19) n-Nitroso-di-n-propyla...	7.304	70	565956	42.370	ng	# 68
20) 3+4-Methylphenols	7.292	107	869285	42.597	ng	94
22) Acetophenone	7.298	105	1192213	43.435	ng	# 90
24) Nitrobenzene	7.469	77	871095	49.379	ng	97
25) Isophorone	7.710	82	1602015	41.247	ng	# 93
26) 2-Nitrophenol	7.786	139	486480	52.019	ng	# 92
27) 2,4-Dimethylphenol	7.822	122	848223	49.107	ng	95
28) bis(2-Chloroethoxy)met...	7.922	93	1047914	47.835	ng	98
29) 2,4-Dichlorophenol	8.027	162	777884	45.336	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	810457	43.390	ng	96
31) Naphthalene	8.192	128	2567210	41.333	ng	99
32) Benzoic acid	7.951	122	575155	45.897	ng	97
33) 4-Chloroaniline	8.239	127	810256	31.100	ng	98
34) Hexachlorobutadiene	8.316	225	435816	42.316	ng	99
35) Caprolactam	8.616	113	243190m	43.432	ng	
36) 4-Chloro-3-methylphenol	8.722	107	772073	42.941	ng	97
37) 2-Methylnaphthalene	8.886	142	1724581	40.940	ng	99
38) 1-Methylnaphthalene	8.986	142	1606352	40.350	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	705258	42.395	ng	99
41) Hexachlorocyclopentadiene	9.039	237	743492	105.633	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	540127	46.301	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	577071	45.818	ng		92
46) 1,1'-Biphenyl	9.351	154	1916050	40.624	ng		95
47) 2-Chloronaphthalene	9.374	162	1641505	42.037	ng		98
48) 2-Nitroaniline	9.469	65	438147	47.608	ng		84
49) Acenaphthylene	9.792	152	2401647	40.856	ng		95
50) Dimethylphthalate	9.651	163	1792920	41.609	ng		98
51) 2,6-Dinitrotoluene	9.710	165	417003	47.542	ng	#	89
52) Acenaphthene	9.963	154	1622277	44.016	ng		97
53) 3-Nitroaniline	9.874	138	377458	38.351	ng		88
54) 2,4-Dinitrophenol	9.980	184	371622	87.074	ng	#	78
55) Dibenzofuran	10.133	168	2166975	39.189	ng		99
56) 4-Nitrophenol	10.033	139	697489	87.873	ng		89
57) 2,4-Dinitrotoluene	10.110	165	542138	49.365	ng	#	86
58) Fluorene	10.474	166	1612206	37.458	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.251	232	434170	44.790	ng	#	89
60) Diethylphthalate	10.351	149	1702614	40.985	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	743145	38.845	ng		87
62) 4-Nitroaniline	10.492	138	412130	42.217	ng	#	76
63) Azobenzene	10.627	77	1567416	39.077	ng		84
65) 4,6-Dinitro-2-methylph...	10.516	198	232821	48.384	ng	#	83
66) n-Nitrosodiphenylamine	10.586	169	1476900	43.597	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	467965	45.186	ng		98
68) Hexachlorobenzene	11.021	284	556933	45.820	ng	#	88
69) Atrazine	11.110	200	440847	49.079	ng		95
70) Pentachlorophenol	11.216	266	577804	89.944	ng		94
71) Phenanthrene	11.439	178	2209441	39.927	ng		95
72) Anthracene	11.486	178	2285193	41.791	ng		97
73) Carbazole	11.639	167	2043013	37.964	ng		98
74) Di-n-butylphthalate	11.968	149	2209193	40.720	ng		99
75) Fluoranthene	12.621	202	1994911	33.731	ng		96
77) Benzidine	12.739	184	685481	52.664	ng		98
78) Pyrene	12.851	202	1996190	44.581	ng		95
80) Butylbenzylphthalate	13.468	149	659278	44.462	ng		95
81) Benzo(a)anthracene	14.033	228	1399389	41.579	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	497111	51.189	ng		98
83) Chrysene	14.074	228	1415074	41.897	ng		96
84) Bis(2-ethylhexyl)phtha...	14.027	149	749139	44.133	ng		98
85) Di-n-octyl phthalate	14.639	149	1371518	55.089	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.009	276	1794287	50.628	ng		97
88) Benzo(b)fluoranthene	15.092	252	1578002	43.139	ng		97
89) Benzo(k)fluoranthene	15.121	252	1475391	42.098	ng		97
90) Benzo(a)pyrene	15.462	252	1540382	47.308	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	1502524	50.723	ng		99
92) Benzo(g,h,i)perylene	17.462	276	1548679	51.192	ng		94

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

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