Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092321\
Data File : BF125587.D
Acq On : 23 Sep 2021 12:18
Operator : JU/CG
Sample : PB139258BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139258BS

Manual Integrations APPROVED
mohammad
9/24/2021 5:30:01 PM

Quant Time: Sep 23 13:00:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	308625	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1312587	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	691897	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	1113873	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	604661	20.000	ng	0.00
86) Perylene-d12	15.539	264	575292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2074387	106.289	ng	0.02
7) Phenol-d6	6.528	99	2518315	100.080	ng	0.00
23) Nitrobenzene-d5	7.463	82	1586221	77.078	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	727415	107.337	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2928046	75.327	ng	0.00
79) Terphenyl-d14	13.010	244	2645233	70.644	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	248116	31.532	ng	# 100
3) Pyridine	3.528	79	594549	28.198	ng	# 72
4) n-Nitrosodimethylamine	3.487	42	309147	37.174	ng	# 1
6) Aniline	6.563	93	1112667	38.408	ng	93
8) 2-Chlorophenol	6.681	128	900689	40.414	ng	98
9) Benzaldehyde	6.445	77	512652	42.467	ng	93
10) Phenol	6.540	94	974051m	38.030	ng	
11) bis(2-Chloroethyl)ether	6.634	93	811150	39.614	ng	98
12) 1,3-Dichlorobenzene	6.840	146	898585	37.514	ng	98
13) 1,4-Dichlorobenzene	6.916	146	922965	38.121	ng	98
14) 1,2-Dichlorobenzene	7.069	146	893020	39.492	ng	99
15) Benzyl Alcohol	7.040	79	685334	38.058	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1066864	37.866	ng	89
17) 2-Methylphenol	7.145	107	708320	39.817	ng	96
18) Hexachloroethane	7.416	117	339073	39.333	ng	# 88
19) n-Nitroso-di-n-propyla...	7.316	70	547210	36.334	ng	# 69
20) 3+4-Methylphenols	7.298	107	827047	37.390	ng	95
22) Acetophenone	7.310	105	1142602	37.623	ng	# 89
24) Nitrobenzene	7.481	77	834228	38.254	ng	97
25) Isophorone	7.722	82	1563410	35.302	ng	93
26) 2-Nitrophenol	7.792	139	460556	46.901	ng	90
27) 2,4-Dimethylphenol	7.828	122	809241	41.119	ng	95
28) bis(2-Chloroethoxy)met...	7.928	93	1020934	40.124	ng	97
29) 2,4-Dichlorophenol	8.034	162	730595	36.722	ng	96
30) 1,2,4-Trichlorobenzene	8.122	180	781867	37.289	ng	97
31) Naphthalene	8.204	128	2459006	36.478	ng	99
32) Benzoic acid	7.957	122	548622	45.912	ng	98
33) 4-Chloroaniline	8.245	127	785205	28.418	ng	99
34) Hexachlorobutadiene	8.322	225	438195	37.062	ng	99
35) Caprolactam	8.622	113	225388m	41.308	ng	
36) 4-Chloro-3-methylphenol	8.728	107	729582	37.331	ng	99
37) 2-Methylnaphthalene	8.892	142	1682140	36.841	ng	99
38) 1-Methylnaphthalene	8.992	142	1562892	36.481	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	667660	35.838	ng	99
41) Hexachlorocyclopentadiene	9.051	237	851622	81.742	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	537188	38.271	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	552002	37.474	ng	#	91
46) 1,1'-Biphenyl	9.363	154	1878066	36.025	ng		97
47) 2-Chloronaphthalene	9.386	162	1591527	36.756	ng		98
48) 2-Nitroaniline	9.475	65	422485	45.727	ng		96
49) Acenaphthylene	9.804	152	2326169	36.555	ng		96
50) Dimethylphthalate	9.663	163	1781335	37.409	ng		98
51) 2,6-Dinitrotoluene	9.722	165	404775	42.726	ng	#	87
52) Acenaphthene	9.975	154	1554970	38.710	ng		97
53) 3-Nitroaniline	9.886	138	338946	33.687	ng		88
54) 2,4-Dinitrophenol	9.992	184	348951	102.239	ng	#	78
55) Dibenzofuran	10.145	168	2104428	35.303	ng		99
56) 4-Nitrophenol	10.045	139	651864	79.864	ng		89
57) 2,4-Dinitrotoluene	10.122	165	536352	47.241	ng	#	87
58) Fluorene	10.486	166	1551906	33.850	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	420110	37.972	ng	#	91
60) Diethylphthalate	10.363	149	1749089	37.270	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	732567	35.928	ng		88
62) 4-Nitroaniline	10.504	138	399950	43.986	ng	#	76
63) Azobenzene	10.639	77	1580163	34.653	ng		86
65) 4,6-Dinitro-2-methylph...	10.533	198	230935	42.710	ng	#	66
66) n-Nitrosodiphenylamine	10.598	169	1455001	35.980	ng		95
67) 4-Bromophenyl-phenylether	10.969	248	469887	36.914	ng		97
68) Hexachlorobenzene	11.033	284	544233	37.937	ng	#	89
69) Atrazine	11.122	200	468269	43.058	ng		95
70) Pentachlorophenol	11.227	266	581279	71.070	ng		96
71) Phenanthrene	11.451	178	2235636	35.731	ng		95
72) Anthracene	11.504	178	2258031	36.205	ng		96
73) Carbazole	11.651	167	2049277	34.741	ng		98
74) Di-n-butylphthalate	11.986	149	2453920	35.053	ng		99
75) Fluoranthene	12.639	202	2150481	35.034	ng		98
77) Benzidine	12.751	184	1120528	65.356	ng		97
78) Pyrene	12.869	202	2140843	37.781	ng		95
80) Butylbenzylphthalate	13.480	149	908731	39.689	ng		96
81) Benzo(a)anthracene	14.051	228	1517002	36.856	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	507203	40.218	ng		98
83) Chrysene	14.092	228	1568383	37.721	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1134643	40.537	ng	#	99
85) Di-n-octyl phthalate	14.657	149	1939911	41.682	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.039	276	1727459	41.829	ng		97
88) Benzo(b)fluoranthene	15.110	252	1556634	36.997	ng		98
89) Benzo(k)fluoranthene	15.139	252	1504257	39.093	ng		97
90) Benzo(a)pyrene	15.480	252	1483282	40.506	ng		98
91) Dibenzo(a,h)anthracene	17.057	278	1456244	41.606	ng		98
92) Benzo(g,h,i)perylene	17.492	276	1454170	42.095	ng		93

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

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