Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125552.D
Acq On : 22 Sep 2021 11:11
Operator : JU/CG
Sample : PB139103BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139103BS

Manual Integrations APPROVED
mohammad
9/23/2021 1:20:27 PM

Quant Time: Sep 22 11:51:51 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	298326	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1270104	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	670117	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1090089	20.000	ng		0.00
76) Chrysene-d12	14.062	240	625052	20.000	ng		0.00
86) Perylene-d12	15.539	264	542742	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1995842	105.795	ng		0.02
7) Phenol-d6	6.528	99	2459253	101.106	ng		0.00
23) Nitrobenzene-d5	7.463	82	1535337	77.101	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	720708	109.804	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2851900	75.827	ng		0.00
79) Terphenyl-d14	13.010	244	2677935	69.184	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	238233	31.321	ng	#	100
3) Pyridine	3.534	79	567149	27.827	ng	#	73
4) n-Nitrosodimethylamine	3.493	42	301894	37.555	ng	#	1
6) Aniline	6.563	93	1078883	38.527	ng		95
8) 2-Chlorophenol	6.686	128	865609	40.181	ng		98
9) Benzaldehyde	6.451	77	494358	42.337	ng		93
10) Phenol	6.539	94	926546m	37.425	ng		
11) bis(2-Chloroethyl)ether	6.634	93	793745	40.102	ng		98
12) 1,3-Dichlorobenzene	6.839	146	881455	38.070	ng		98
13) 1,4-Dichlorobenzene	6.916	146	895878	38.279	ng		96
14) 1,2-Dichlorobenzene	7.069	146	870699	39.834	ng		99
15) Benzyl Alcohol	7.039	79	666015	38.262	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1057268	38.821	ng		89
17) 2-Methylphenol	7.145	107	679638	39.524	ng		97
18) Hexachloroethane	7.416	117	329772	39.574	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	545714	37.486	ng	#	69
20) 3+4-Methylphenols	7.298	107	807403	37.762	ng		93
22) Acetophenone	7.310	105	1120818	38.140	ng	#	90
24) Nitrobenzene	7.481	77	805267	38.161	ng		97
25) Isophorone	7.722	82	1535796	35.839	ng		92
26) 2-Nitrophenol	7.798	139	441398	46.454	ng	#	93
27) 2,4-Dimethylphenol	7.833	122	787581	41.357	ng		96
28) bis(2-Chloroethoxy)met...	7.933	93	1001414	40.673	ng		98
29) 2,4-Dichlorophenol	8.033	162	724774	37.648	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	760115	37.464	ng		96
31) Naphthalene	8.204	128	2382501	36.525	ng		99
32) Benzoic acid	7.957	122	549429	47.518	ng		97
33) 4-Chloroaniline	8.245	127	787298	29.446	ng		99
34) Hexachlorobutadiene	8.322	225	422327	36.915	ng		98
35) Caprolactam	8.628	113	220890m	41.838	ng		
36) 4-Chloro-3-methylphenol	8.728	107	717294	37.930	ng		97
37) 2-Methylnaphthalene	8.898	142	1637883	37.072	ng		98
38) 1-Methylnaphthalene	8.998	142	1509333	36.410	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	655734	36.342	ng		98
41) Hexachlorocyclopentadiene	9.051	237	853944	84.629	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	520941	38.320	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	537824	37.698	ng		93
46) 1,1'-Biphenyl	9.363	154	1816654	35.980	ng		94
47) 2-Chloronaphthalene	9.386	162	1540365	36.731	ng		99
48) 2-Nitroaniline	9.475	65	409118	45.719	ng		97
49) Acenaphthylene	9.804	152	2277937	36.960	ng		95
50) Dimethylphthalate	9.663	163	1768354	38.343	ng		98
51) 2,6-Dinitrotoluene	9.722	165	393127	42.845	ng		93
52) Acenaphthene	9.975	154	1553793	39.938	ng		96
53) 3-Nitroaniline	9.886	138	332929	34.164	ng		88
54) 2,4-Dinitrophenol	9.992	184	356361	107.804	ng	#	81
55) Dibenzofuran	10.145	168	2048018	35.474	ng		99
56) 4-Nitrophenol	10.045	139	663662	83.952	ng		87
57) 2,4-Dinitrotoluene	10.127	165	519531	47.247	ng	#	78
58) Fluorene	10.492	166	1516306	34.149	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	408761	38.147	ng	#	91
60) Diethylphthalate	10.363	149	1737344	38.222	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	714230	36.167	ng		90
62) 4-Nitroaniline	10.510	138	395626	44.925	ng	#	74
63) Azobenzene	10.639	77	1579495	35.764	ng		86
65) 4,6-Dinitro-2-methylph...	10.533	198	230253	43.513	ng	#	73
66) n-Nitrosodiphenylamine	10.598	169	1448652	36.604	ng		94
67) 4-Bromophenyl-phenylether	10.969	248	462120	37.096	ng		94
68) Hexachlorobenzene	11.039	284	531937	37.889	ng	#	83
69) Atrazine	11.127	200	461334	43.346	ng		93
70) Pentachlorophenol	11.227	266	592120	73.975	ng		96
71) Phenanthrene	11.451	178	2210314	36.097	ng		94
72) Anthracene	11.504	178	2269563	37.183	ng		96
73) Carbazole	11.651	167	2049165	35.497	ng		98
74) Di-n-butylphthalate	11.986	149	2466533	36.002	ng		98
75) Fluoranthene	12.639	202	2166615	36.067	ng		96
77) Benzidine	12.757	184	1270454	71.683	ng		98
78) Pyrene	12.868	202	2163649m	36.938	ng		
80) Butylbenzylphthalate	13.486	149	948179	40.060	ng		98
81) Benzo(a)anthracene	14.051	228	1524224	35.823	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	521406	39.995	ng		98
83) Chrysene	14.092	228	1583071	36.832	ng		96
84) Bis(2-ethylhexyl)phtha...	14.045	149	1148614	39.697	ng		99
85) Di-n-octyl phthalate	14.657	149	1918619	39.879	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.039	276	1608994	41.297	ng		97
88) Benzo(b)fluoranthene	15.109	252	1490947	37.561	ng		99
89) Benzo(k)fluoranthene	15.139	252	1449042	39.917	ng	#	97
90) Benzo(a)pyrene	15.480	252	1417709	41.037	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1358071	41.128	ng		98
92) Benzo(g,h,i)perylene	17.498	276	1363326	41.832	ng		91

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

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