

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128063.D
 Acq On : 04 May 2022 10:57
 Operator : CG\JU
 Sample : PB144541BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144541BS

Quant Time: May 05 06:00:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

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 Upadhyay

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 Upadhyay

05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	121116	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	460982	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	256819	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	436255	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	282857	20.000	ng	0.00
86) Perylene-d12	15.610	264	239047	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	912222	119.965	ng	0.02
7) Phenol-d6	6.557	99	1187621	120.366	ng	0.00
23) Nitrobenzene-d5	7.487	82	863917	88.127	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	339383	131.273	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1386158	91.310	ng	0.00
79) Terphenyl-d14	13.045	244	1471435	95.123	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	121698	33.544	ng	96
3) Pyridine	3.628	79	343139	36.913	ng	99
4) n-Nitrosodimethylamine	3.604	42	208435	46.322	ng	94
6) Aniline	6.581	93	492916	42.048	ng	98
8) 2-Chlorophenol	6.704	128	374077	47.398	ng	99
9) Benzaldehyde	6.469	77	238933	39.144	ng	94
10) Phenol	6.569	94	458934m	46.117	ng	
11) bis(2-Chloroethyl)ether	6.651	93	382811	46.373	ng	96
12) 1,3-Dichlorobenzene	6.857	146	401311	44.175	ng	96
13) 1,4-Dichlorobenzene	6.934	146	403792	44.530	ng	97
14) 1,2-Dichlorobenzene	7.087	146	388338	46.261	ng	99
15) Benzyl Alcohol	7.063	79	368016	54.848	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.187	45	563649	44.675	ng	99
17) 2-Methylphenol	7.169	107	309597	45.466	ng	96
18) Hexachloroethane	7.428	117	160312	48.089	ng	99
19) n-Nitroso-di-n-propyla...	7.334	70	292027	48.350	ng	97
20) 3+4-Methylphenols	7.322	107	363323	44.168	ng	91
22) Acetophenone	7.334	105	526633	46.872	ng	97
24) Nitrobenzene	7.504	77	449662	47.602	ng	99
25) Isophorone	7.745	82	826490	50.092	ng	99
26) 2-Nitrophenol	7.816	139	199467	49.553	ng	95
27) 2,4-Dimethylphenol	7.851	122	339571	50.788	ng	96
28) bis(2-Chloroethoxy)met...	7.945	93	476871	45.098	ng	99
29) 2,4-Dichlorophenol	8.063	162	307684	43.927	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	357859	44.977	ng	98
31) Naphthalene	8.228	128	1054233	44.902	ng	100
32) Benzoic acid	7.992	122	177825	37.106	ng	95
33) 4-Chloroaniline	8.269	127	282522	30.412	ng	96
34) Hexachlorobutadiene	8.334	225	238613	47.612	ng	99
35) Caprolactam	8.663	113	95965m	42.443	ng	
36) 4-Chloro-3-methylphenol	8.757	107	334372	44.698	ng	97
37) 2-Methylnaphthalene	8.916	142	705656	45.477	ng	98
38) 1-Methylnaphthalene	9.016	142	673937	44.685	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	347847	45.952	ng	98
41) Hexachlorocyclopentadiene	9.063	237	462982	112.888	ng	100
43) 2,4,6-Trichlorophenol	9.192	196	218252	43.818	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.239	196	228569	42.213	ng	97	05/05/2022
46) 1,1'-Biphenyl	9.381	154	851955	44.784	ng	100	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.410	162	626545	43.263	ng	97	
48) 2-Nitroaniline	9.510	65	224615	45.851	ng	99	
49) Acenaphthylene	9.828	152	1005776	45.402	ng	100	
50) Dimethylphthalate	9.686	163	740186	42.975	ng	99	
51) 2,6-Dinitrotoluene	9.751	165	168289	45.128	ng	99	05/05/2022
52) Acenaphthene	9.998	154	715786m	48.061	ng		
53) 3-Nitroaniline	9.922	138	128462	31.022	ng	98	
54) 2,4-Dinitrophenol	10.033	184	173297	88.241	ng	90	
55) Dibenzofuran	10.169	168	891909	41.508	ng	98	
56) 4-Nitrophenol	10.086	139	223712	70.748	ng	89	
57) 2,4-Dinitrotoluene	10.157	165	218555	44.245	ng	# 82	
58) Fluorene	10.516	166	700192	43.669	ng	100	
59) 2,3,4,6-Tetrachlorophenol	10.286	232	189702	41.663	ng	100	
60) Diethylphthalate	10.381	149	731942	43.337	ng	100	
61) 4-Chlorophenyl-phenyle...	10.504	204	348496	43.738	ng	99	
62) 4-Nitroaniline	10.539	138	161943	40.001	ng	93	
63) Azobenzene	10.663	77	784963	42.238	ng	99	
65) 4,6-Dinitro-2-methylph...	10.569	198	115385	44.513	ng	98	
66) n-Nitrosodiphenylamine	10.628	169	609391	44.892	ng	98	
67) 4-Bromophenyl-phenylether	10.992	248	223676	46.251	ng	99	
68) Hexachlorobenzene	11.063	284	242351	47.564	ng	95	
69) Atrazine	11.151	200	220648	52.567	ng	97	
70) Pentachlorophenol	11.257	266	244723	81.640	ng	98	
71) Phenanthrene	11.480	178	989985	43.352	ng	99	
72) Anthracene	11.533	178	1009493	44.377	ng	99	
73) Carbazole	11.686	167	887821	40.495	ng	99	
74) Di-n-butylphthalate	12.010	149	1110119	45.030	ng	99	
75) Fluoranthene	12.674	202	1030647	42.883	ng	97	
77) Benzidine	12.792	184	531424	99.293	ng	98	
78) Pyrene	12.904	202	1042233	45.645	ng	99	
80) Butylbenzylphthalate	13.510	149	434414	48.539	ng	100	
81) Benzo(a)anthracene	14.092	228	858730	45.548	ng	99	
82) 3,3'-Dichlorobenzidine	14.051	252	189414	31.642	ng	99	
83) Chrysene	14.133	228	783899	43.536	ng	99	
84) Bis(2-ethylhexyl)phtha...	14.063	149	593509	50.007	ng	99	
85) Di-n-octyl phthalate	14.680	149	912530	49.614	ng	100	
87) Indeno(1,2,3-cd)pyrene	17.151	276	706857	44.301	ng	96	
88) Benzo(b)fluoranthene	15.163	252	744978	49.618	ng	99	
89) Benzo(k)fluoranthene	15.198	252	660309	43.652	ng	99	
90) Benzo(a)pyrene	15.551	252	666464	53.513	ng	# 97	
91) Dibenzo(a,h)anthracene	17.174	278	607746	47.493	ng	97	
92) Benzo(g,h,i)perylene	17.627	276	613846	45.518	ng	97	

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

