

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128286.D
 Acq On : 17 May 2022 12:41
 Operator : CG\JU
 Sample : PB144826BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144826BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 18 01:33:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	112031	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	434247	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	238570	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	421867	20.000	ng	0.00
76) Chrysene-d12	14.069	240	290267	20.000	ng	0.00
86) Perylene-d12	15.557	264	236077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	549140	78.139	ng	0.01
7) Phenol-d6	6.516	99	695738	74.849	ng	0.00
23) Nitrobenzene-d5	7.445	82	736572	76.323	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198501	72.549	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1156073	75.823	ng	0.00
79) Terphenyl-d14	13.004	244	1307444	84.519	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	107744	34.464	ng	93
3) Pyridine	3.534	79	257861	31.091	ng	95
4) n-Nitrosodimethylamine	3.505	42	174466	42.199	ng	90
6) Aniline	6.546	93	338220	32.220	ng	98
8) 2-Chlorophenol	6.663	128	297410	41.550	ng	98
9) Benzaldehyde	6.434	77	194738	42.420	ng	94
10) Phenol	6.528	94	384857	39.262	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	299718	40.828	ng	99
12) 1,3-Dichlorobenzene	6.816	146	310774	38.574	ng	95
13) 1,4-Dichlorobenzene	6.893	146	315841	38.797	ng	97
14) 1,2-Dichlorobenzene	7.045	146	306119	39.903	ng	98
15) Benzyl Alcohol	7.022	79	304893	41.507	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.146	45	437091	40.152	ng	94
17) 2-Methylphenol	7.134	107	243298	40.064	ng	94
18) Hexachloroethane	7.387	117	123757	40.239	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	230162	40.208	ng	95
20) 3+4-Methylphenols	7.287	107	286103	38.051	ng	# 84
22) Acetophenone	7.293	105	417649	38.624	ng	# 89
24) Nitrobenzene	7.463	77	364247	40.895	ng	96
25) Isophorone	7.704	82	651656	43.071	ng	98
26) 2-Nitrophenol	7.781	139	157038	40.152	ng	97
27) 2,4-Dimethylphenol	7.816	122	266347	44.182	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	373267	39.029	ng	100
29) 2,4-Dichlorophenol	8.022	162	244801	38.626	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	273589	37.666	ng	99
31) Naphthalene	8.181	128	832150	38.802	ng	99
32) Benzoic acid	7.957	122	160766	35.660	ng	92
33) 4-Chloroaniline	8.234	127	218817	25.702	ng	96
34) Hexachlorobutadiene	8.292	225	180711	37.051	ng	99
35) Caprolactam	8.616	113	78854m	38.116	ng	
36) 4-Chloro-3-methylphenol	8.722	107	277566	39.197	ng	96
37) 2-Methylnaphthalene	8.875	142	559431	38.690	ng	100
38) 1-Methylnaphthalene	8.975	142	527915	38.015	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	276413	39.278	ng	99
41) Hexachlorocyclopentadiene	9.022	237	254280	79.120	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	177389	39.125	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	188107	38.911	ng	96
46) 1,1'-Biphenyl	9.339	154	687672	39.594	ng	100
47) 2-Chloronaphthalene	9.369	162	510246	39.638	ng	98
48) 2-Nitroaniline	9.469	65	194819	42.213	ng	92
49) Acenaphthylene	9.787	152	811757	41.692	ng	99
50) Dimethylphthalate	9.645	163	622648	40.444	ng	99
51) 2,6-Dinitrotoluene	9.710	165	142700	42.254	ng	88
52) Acenaphthene	9.957	154	591604m	43.823	ng	
53) 3-Nitroaniline	9.881	138	99075	27.061	ng	94
54) 2,4-Dinitrophenol	9.998	184	137999	73.863	ng	# 80
55) Dibenzofuran	10.128	168	730700	38.122	ng	98
56) 4-Nitrophenol	10.057	139	182596	71.374	ng	85
57) 2,4-Dinitrotoluene	10.122	165	184688	40.898	ng	# 76
58) Fluorene	10.475	166	573633	38.422	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155547	37.651	ng	98
60) Diethylphthalate	10.345	149	618321	40.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	279022	37.475	ng	97
62) 4-Nitroaniline	10.504	138	134737	36.302	ng	87
63) Azobenzene	10.622	77	667161	39.665	ng	97
65) 4,6-Dinitro-2-methylph...	10.534	198	100376	38.017	ng	98
66) n-Nitrosodiphenylamine	10.586	169	507951	41.314	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	182543	40.219	ng	96
68) Hexachlorobenzene	11.022	284	203493	40.987	ng	96
69) Atrazine	11.116	200	176671	42.598	ng	97
70) Pentachlorophenol	11.222	266	185324	76.912	ng	97
71) Phenanthrene	11.439	178	850238	40.475	ng	100
72) Anthracene	11.492	178	866376	41.309	ng	99
73) Carbazole	11.651	167	768253	38.521	ng	100
74) Di-n-butylphthalate	11.969	149	939850	40.935	ng	99
75) Fluoranthene	12.633	202	912332	40.060	ng	98
77) Benzidine	12.751	184	283784	45.140	ng	98
78) Pyrene	12.863	202	914870	43.468	ng	100
80) Butylbenzylphthalate	13.475	149	377046	43.091	ng	93
81) Benzo(a)anthracene	14.057	228	768002	41.423	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	188155	45.228	ng	99
83) Chrysene	14.092	228	700305	39.587	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	505248	42.736	ng	99
85) Di-n-octyl phthalate	14.639	149	785739	41.606	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	599685	41.993	ng	97
88) Benzo(b)fluoranthene	15.121	252	636019	43.461	ng	99
89) Benzo(k)fluoranthene	15.151	252	582347	40.312	ng	98
90) Benzo(a)pyrene	15.498	252	573503	48.542	ng	# 97
91) Dibenzo(a,h)anthracene	17.098	278	514747	44.523	ng	97
92) Benzo(g,h,i)perylene	17.551	276	530141	45.287	ng	96

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

