

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081422\
 Data File : BF129776.D
 Acq On : 14 Aug 2022 22:30
 Operator : CG\JU
 Sample : PB146963BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146963BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
 Supervised By :Sohil Jodhani 08/18/2022

Quant Time: Aug 15 03:02:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	181407	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	761681	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	415640	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	709642	20.000	ng	0.00
76) Chrysene-d12	14.004	240	439290	20.000	ng	0.00
86) Perylene-d12	15.468	264	348575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1299180	118.576	ng	0.01
7) Phenol-d6	6.487	99	1665466	121.384	ng	0.00
23) Nitrobenzene-d5	7.398	82	1122817	78.913	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	528057	126.585	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2164137	79.081	ng	0.00
79) Terphenyl-d14	12.945	244	2392218	90.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	124348	27.509	ng	99
3) Pyridine	3.452	79	342281	28.935	ng	98
4) n-Nitrosodimethylamine	3.387	42	214333	39.316	ng	98
6) Aniline	6.492	93	558278	35.700	ng	93
8) 2-Chlorophenol	6.622	128	519772	42.614	ng	100
9) Benzaldehyde	6.381	77	276765	37.205	ng	99
10) Phenol	6.498	94	617790	41.048	ng	83
11) bis(2-Chloroethyl)ether	6.563	93	475669	41.620	ng	98
12) 1,3-Dichlorobenzene	6.763	146	508406	38.610	ng	99
13) 1,4-Dichlorobenzene	6.840	146	518981	38.573	ng	99
14) 1,2-Dichlorobenzene	6.992	146	494118	39.542	ng	100
15) Benzyl Alcohol	6.981	79	450267	43.470	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	625010	40.812	ng	98
17) 2-Methylphenol	7.098	107	421028	42.990	ng	100
18) Hexachloroethane	7.328	117	197582	39.106	ng	97
19) n-Nitroso-di-n-propyla...	7.245	70	369731	42.632	ng	95
20) 3+4-Methylphenols	7.251	107	549560	41.803	ng	96
22) Acetophenone	7.240	105	730758	39.370	ng	99
24) Nitrobenzene	7.416	77	542604	37.819	ng	100
25) Isophorone	7.651	82	1043821	42.623	ng	99
26) 2-Nitrophenol	7.728	139	287532	40.743	ng	99
27) 2,4-Dimethylphenol	7.775	122	472033	46.639	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	626265	43.798	ng	98
29) 2,4-Dichlorophenol	7.981	162	452379	40.877	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	437547	37.477	ng	97
31) Naphthalene	8.128	128	1493360	37.498	ng	99
32) Benzoic acid	7.928	122	195672	44.239	ng	88
33) 4-Chloroaniline	8.187	127	557691	35.610	ng	98
34) Hexachlorobutadiene	8.239	225	263124	37.013	ng	99
35) Caprolactam	8.581	113	147800m	42.946	ng	
36) 4-Chloro-3-methylphenol	8.686	107	515782	43.201	ng	99
37) 2-Methylnaphthalene	8.822	142	1033101	39.524	ng	99
38) 1-Methylnaphthalene	8.922	142	970993	38.224	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	458615	39.672	ng	99
41) Hexachlorocyclopentadiene	8.969	237	356476	89.001	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	296739	39.507	ng	96

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44) 2,4,5-Trichlorophenol	9.163	196	320066	39.608	ng	96
46) 1,1'-Biphenyl	9.286	154	1260453	39.918	ng	100
47) 2-Chloronaphthalene	9.316	162	975464	39.044	ng	100
48) 2-Nitroaniline	9.422	65	325786	41.263	ng	96
49) Acenaphthylene	9.728	152	1486389	39.233	ng	100
50) Dimethylphthalate	9.592	163	1209081	40.579	ng	99
51) 2,6-Dinitrotoluene	9.663	165	265053	41.008	ng	93
52) Acenaphthene	9.898	154	910576	39.615	ng	99
53) 3-Nitroaniline	9.833	138	231461	32.382	ng	95
54) 2,4-Dinitrophenol	9.951	184	252726	86.040	ng	98
55) Dibenzofuran	10.075	168	1347365	39.018	ng	97
56) 4-Nitrophenol	10.028	139	282976	88.989	ng	99
57) 2,4-Dinitrotoluene	10.069	165	342177	40.782	ng	91
58) Fluorene	10.416	166	1131671	39.249	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	240393	40.537	ng	# 80
60) Diethylphthalate	10.292	149	1189920	40.052	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	523905	40.490	ng	98
62) 4-Nitroaniline	10.457	138	284856m	39.503	ng	
63) Azobenzene	10.569	77	1137951	40.072	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	174364	41.854	ng	96
66) n-Nitrosodiphenylamine	10.528	169	990893	41.370	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	343959	41.382	ng	91
68) Hexachlorobenzene	10.969	284	376800	41.850	ng	# 90
69) Atrazine	11.063	200	329608	44.836	ng	98
70) Pentachlorophenol	11.175	266	228102	84.226	ng	96
71) Phenanthrene	11.380	178	1574173	39.718	ng	99
72) Anthracene	11.439	178	1612142	40.903	ng	99
73) Carbazole	11.598	167	1477197	41.288	ng	100
74) Di-n-butylphthalate	11.910	149	1877389	40.771	ng	99
75) Fluoranthene	12.574	202	1597476	39.389	ng	98
77) Benzidine	12.698	184	712546	70.631	ng	100
78) Pyrene	12.804	202	1598359	41.870	ng	99
80) Butylbenzylphthalate	13.410	149	702345	43.480	ng	96
81) Benzo(a)anthracene	13.992	228	1230176	40.709	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	342408	36.586	ng	# 98
83) Chrysene	14.033	228	1131868	40.013	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	860608	44.907	ng	99
85) Di-n-octyl phthalate	14.574	149	1172594	44.324	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	1058480	44.232	ng	100
88) Benzo(b)fluoranthene	15.045	252	1023412	42.877	ng	100
89) Benzo(k)fluoranthene	15.074	252	979036	42.771	ng	100
90) Benzo(a)pyrene	15.410	252	866933	46.122	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	924500	46.822	ng	99
92) Benzo(g,h,i)perylene	17.409	276	925813	46.998	ng	97

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

