

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128778.D
 Acq On : 13 Jun 2022 12:03
 Operator : CG\JU
 Sample : PB145464BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145464BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/14/2022
 Supervised By : Jagrut Upadhyay 06/14/2022

Quant Time: Jun 13 13:58:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	95121	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	364156	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	200581	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	365912	20.000	ng	0.00
76) Chrysene-d12	13.992	240	237105	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	177823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	658945	110.342	ng	0.00
7) Phenol-d6	6.475	99	802714	110.117	ng	0.00
23) Nitrobenzene-d5	7.381	82	572059	73.140	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	264121	111.445	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1114525	77.835	ng	0.00
79) Terphenyl-d14	12.927	244	1215167	89.054	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	69106	31.171	ng	96
3) Pyridine	3.416	79	175882	29.864	ng	91
4) n-Nitrosodimethylamine	3.381	42	144424	35.362	ng	# 80
6) Aniline	6.469	93	266781	33.934	ng	# 66
8) 2-Chlorophenol	6.604	128	258655	42.329	ng	99
9) Benzaldehyde	6.357	77	64436	14.509	ng	96
10) Phenol	6.487	94	319573	41.473	ng	90
11) bis(2-Chloroethyl)ether	6.545	93	239649	42.443	ng	97
12) 1,3-Dichlorobenzene	6.745	146	289623	40.999	ng	97
13) 1,4-Dichlorobenzene	6.822	146	295007	41.349	ng	98
14) 1,2-Dichlorobenzene	6.975	146	281342	42.155	ng	98
15) Benzyl Alcohol	6.963	79	242610	39.778	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	350921	37.721	ng	# 6
17) 2-Methylphenol	7.087	107	208220	43.114	ng	# 86
18) Hexachloroethane	7.316	117	112298	42.307	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	193460	42.684	ng	99
20) 3+4-Methylphenols	7.240	107	273840	42.472	ng	# 81
22) Acetophenone	7.222	105	382471	40.157	ng	96
24) Nitrobenzene	7.398	77	294473	41.009	ng	99
25) Isophorone	7.640	82	512076	43.107	ng	# 99
26) 2-Nitrophenol	7.710	139	137179	43.360	ng	# 90
27) 2,4-Dimethylphenol	7.757	122	231566	48.049	ng	92
28) bis(2-Chloroethoxy)met...	7.845	93	301153	40.103	ng	99
29) 2,4-Dichlorophenol	7.963	162	225366	40.404	ng	97
30) 1,2,4-Trichlorobenzene	8.034	180	249271	39.689	ng	95
31) Naphthalene	8.116	128	767160	41.049	ng	99
32) Benzoic acid	7.922	122	93210	27.261	ng	92
33) 4-Chloroaniline	8.163	127	205152	29.115	ng	# 94
34) Hexachlorobutadiene	8.228	225	174392	39.153	ng	98
35) Caprolactam	8.557	113	62587m	40.577	ng	
36) 4-Chloro-3-methylphenol	8.675	107	250298	41.118	ng	98
37) 2-Methylnaphthalene	8.810	142	493536	41.519	ng	99
38) 1-Methylnaphthalene	8.904	142	464203	40.419	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	262171	42.086	ng	99
41) Hexachlorocyclopentadiene	8.957	237	243825	65.115	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	158668	37.665	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	167397	38.451	ng	95
46) 1,1'-Biphenyl	9.275	154	621439	41.292	ng	98
47) 2-Chloronaphthalene	9.298	162	476794	41.518	ng	98
48) 2-Nitroaniline	9.404	65	166228	42.329	ng	96
49) Acenaphthylene	9.716	152	768224	43.696	ng	99
50) Dimethylphthalate	9.581	163	573853	41.798	ng	99
51) 2,6-Dinitrotoluene	9.645	165	122204	45.098	ng	87
52) Acenaphthene	9.886	154	435943	38.077	ng	99
53) 3-Nitroaniline	9.816	138	92660	31.507	ng	96
54) 2,4-Dinitrophenol	9.934	184	114216	75.674	ng	86
55) Dibenzofuran	10.063	168	671094	40.786	ng	97
56) 4-Nitrophenol	10.016	139	137604	64.547	ng	# 77
57) 2,4-Dinitrotoluene	10.051	165	164612	45.519	ng	# 87
58) Fluorene	10.404	166	536203	42.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	135534	37.692	ng	98
60) Diethylphthalate	10.281	149	569120	41.244	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	274638	41.495	ng	94
62) 4-Nitroaniline	10.433	138	120029	40.309	ng	86
63) Azobenzene	10.551	77	539403	39.708	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	85830	39.747	ng	94
66) n-Nitrosodiphenylamine	10.516	169	489320	43.507	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	176293	43.203	ng	93
68) Hexachlorobenzene	10.951	284	198571	43.818	ng	97
69) Atrazine	11.051	200	160941	44.499	ng	98
70) Pentachlorophenol	11.157	266	178893	79.081	ng	99
71) Phenanthrene	11.369	178	771852	42.055	ng	99
72) Anthracene	11.422	178	780030	42.939	ng	99
73) Carbazole	11.580	167	668374	39.613	ng	100
74) Di-n-butylphthalate	11.904	149	852370	41.492	ng	99
75) Fluoranthene	12.557	202	806466	42.037	ng	97
77) Benzidine	12.680	184	189027	39.992	ng	98
78) Pyrene	12.786	202	806229	45.703	ng	98
80) Butylbenzylphthalate	13.404	149	321292	43.371	ng	93
81) Benzo(a)anthracene	13.980	228	642562	43.476	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	178509	56.455	ng	99
83) Chrysene	14.016	228	594371	42.182	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	415782	43.172	ng	# 99
85) Di-n-octyl phthalate	14.574	149	604813	41.696	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	489578	45.679	ng	# 91
88) Benzo(b)fluoranthene	15.027	252	509340	44.826	ng	# 98
89) Benzo(k)fluoranthene	15.057	252	494061	46.222	ng	# 97
90) Benzo(a)pyrene	15.392	252	464978	52.065	ng	# 97
91) Dibenzo(a,h)anthracene	16.939	278	443037	49.834	ng	# 94
92) Benzo(g,h,i)perylene	17.368	276	434915	49.360	ng	# 91

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

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