

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131258.D
 Acq On : 16 Nov 2022 11:22
 Operator : CG\JU
 Sample : PB148855BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148855BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/17/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:12:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	96595	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	354012	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	203161	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	371985	20.000	ng	0.00
76) Chrysene-d12	14.192	240	264375	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	199149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	736264	134.970	ng	0.02
7) Phenol-d6	6.592	99	920934	133.292	ng	0.00
23) Nitrobenzene-d5	7.545	82	597282	94.701	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	268359	138.286	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1112070	80.104	ng	0.00
79) Terphenyl-d14	13.127	244	1393573	90.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	89184	35.685	ng	96
3) Pyridine	3.628	79	242091	34.271	ng	96
4) n-Nitrosodimethylamine	3.604	42	181892	44.177	ng	# 96
6) Aniline	6.640	93	260017m	30.003	ng	
8) 2-Chlorophenol	6.757	128	273330	44.574	ng	97
9) Benzaldehyde	6.522	77	76465	15.257	ng	98
10) Phenol	6.610	94	326611	42.257	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	259407	42.864	ng	99
12) 1,3-Dichlorobenzene	6.916	146	290606	41.890	ng	100
13) 1,4-Dichlorobenzene	6.992	146	291012	41.479	ng	99
14) 1,2-Dichlorobenzene	7.145	146	282253	43.527	ng	99
15) Benzyl Alcohol	7.116	79	216764m	36.118	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	489574	42.949	ng	98
17) 2-Methylphenol	7.222	107	229593	43.857	ng	99
18) Hexachloroethane	7.492	117	111479	43.708	ng	96
19) n-Nitroso-di-n-propyla...	7.392	70	201440	41.841	ng	98
20) 3+4-Methylphenols	7.375	107	286070	42.246	ng	93
22) Acetophenone	7.387	105	391903	42.469	ng	99
24) Nitrobenzene	7.563	77	309303	45.428	ng	99
25) Isophorone	7.798	82	551951	43.806	ng	98
26) 2-Nitrophenol	7.881	139	122244	45.096	ng	95
27) 2,4-Dimethylphenol	7.910	122	270711	52.490	ng	96
28) bis(2-Chloroethoxy)met...	8.010	93	318675	44.859	ng	100
29) 2,4-Dichlorophenol	8.116	162	234372	42.022	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	262927	40.208	ng	99
31) Naphthalene	8.292	128	761526	39.705	ng	99
32) Benzoic acid	8.028	122	152645m	41.875	ng	
33) 4-Chloroaniline	8.334	127	113752	15.066	ng	95
34) Hexachlorobutadiene	8.404	225	170470	41.189	ng	99
35) Caprolactam	8.710	113	74062m	44.935	ng	
36) 4-Chloro-3-methylphenol	8.816	107	258995	44.116	ng	92
37) 2-Methylnaphthalene	8.986	142	514301	40.262	ng	98
38) 1-Methylnaphthalene	9.086	142	484823	39.142	ng	100
40) 1,2,4,5-Tetrachloroben...	9.151	216	266456	40.734	ng	99
41) Hexachlorocyclopentadiene	9.133	237	333801	99.563	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	154165	36.049	ng	98

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44) 2,4,5-Trichlorophenol	9.298	196	203427	44.327	ng	100
46) 1,1'-Biphenyl	9.451	154	638682	40.895	ng	100
47) 2-Chloronaphthalene	9.481	162	502198	39.694	ng	96
48) 2-Nitroaniline	9.569	65	180239	44.700	ng	96
49) Acenaphthylene	9.898	152	780083	40.378	ng	100
50) Dimethylphthalate	9.757	163	597563	41.076	ng	100
51) 2,6-Dinitrotoluene	9.816	165	127541	44.899	ng	91
52) Acenaphthene	10.069	154	536588	44.496	ng	98
53) 3-Nitroaniline	9.980	138	75810	26.193	ng	94
54) 2,4-Dinitrophenol	10.092	184	109661	83.439	ng	92
55) Dibenzofuran	10.245	168	693170	40.119	ng	97
56) 4-Nitrophenol	10.139	139	184762	80.719	ng	93
57) 2,4-Dinitrotoluene	10.222	165	163987	46.439	ng	91
58) Fluorene	10.586	166	548947	40.376	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.357	232	161578	41.560	ng	99
60) Diethylphthalate	10.457	149	570767	41.506	ng	98
61) 4-Chlorophenyl-phenyle...	10.575	204	281799	41.917	ng	98
62) 4-Nitroaniline	10.610	138	123506	41.419	ng	98
63) Azobenzene	10.739	77	584075	40.568	ng	98
65) 4,6-Dinitro-2-methylph...	10.628	198	67491	41.612	ng	87
66) n-Nitrosodiphenylamine	10.698	169	486036	41.126	ng	100
67) 4-Bromophenyl-phenylether	11.075	248	181137	41.473	ng	91
68) Hexachlorobenzene	11.133	284	195926	41.393	ng	97
69) Atrazine	11.227	200	165891	42.823	ng	97
70) Pentachlorophenol	11.327	266	233395	84.480	ng	96
71) Phenanthrene	11.557	178	828029	40.334	ng	100
72) Anthracene	11.610	178	845095	42.140	ng	100
73) Carbazole	11.763	167	753750	41.989	ng	99
74) Di-n-butylphthalate	12.092	149	876598	41.959	ng	99
75) Fluoranthene	12.751	202	934939	41.294	ng	99
77) Benzidine	12.874	184	191735	33.843	ng	98
78) Pyrene	12.986	202	948719	41.629	ng	99
80) Butylbenzylphthalate	13.604	149	352426	45.631	ng	99
81) Benzo(a)anthracene	14.180	228	745069	40.551	ng	100
82) 3,3'-Dichlorobenzidine	14.139	252	174072	32.378	ng	98
83) Chrysene	14.216	228	715770	39.989	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	438151	45.107	ng	99
85) Di-n-octyl phthalate	14.798	149	630181	45.910	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	570224	43.342	ng	99
88) Benzo(b)fluoranthene	15.274	252	604011	43.440	ng	99
89) Benzo(k)fluoranthene	15.304	252	590632	42.849	ng	100
90) Benzo(a)pyrene	15.668	252	511193	45.992	ng	99
91) Dibenzo(a,h)anthracene	17.351	278	481007	44.562	ng	98
92) Benzo(g,h,i)perylene	17.809	276	470001	39.586	ng	98

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

