

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131252.D
 Acq On : 16 Nov 2022 01:44
 Operator : CG\JU
 Sample : PB148901BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148901BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 07:07:35 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	101811	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	372109	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	213811	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	387952	20.000	ng	0.00
76) Chrysene-d12	14.186	240	277425	20.000	ng	0.00
86) Perylene-d12	15.727	264	225311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	771267	134.143	ng	0.02
7) Phenol-d6	6.592	99	967244	132.822	ng	0.00
23) Nitrobenzene-d5	7.545	82	627073	94.589	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	281173	137.672	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1182247	80.918	ng	0.00
79) Terphenyl-d14	13.127	244	1455135	90.073	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.893	88	94254	35.781	ng	99
3) Pyridine	3.634	79	256531	34.455	ng	99
4) n-Nitrosodimethylamine	3.604	42	189056	43.564	ng	97
6) Aniline	6.640	93	258371m	28.286	ng	
8) 2-Chlorophenol	6.757	128	289745	44.830	ng	97
9) Benzaldehyde	6.522	77	58490	11.073	ng	96
10) Phenol	6.610	94	346311	42.510	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	272744	42.759	ng	99
12) 1,3-Dichlorobenzene	6.916	146	303992	41.575	ng	99
13) 1,4-Dichlorobenzene	6.992	146	308992	41.785	ng	99
14) 1,2-Dichlorobenzene	7.145	146	294178	43.042	ng	99
15) Benzyl Alcohol	7.116	79	251645m	39.782	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	512467	42.654	ng	99
17) 2-Methylphenol	7.222	107	238800	43.279	ng	99
18) Hexachloroethane	7.492	117	118004	43.895	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	212934	41.962	ng	99
20) 3+4-Methylphenols	7.375	107	304387	42.648	ng	91
22) Acetophenone	7.387	105	409991	42.268	ng	99
24) Nitrobenzene	7.563	77	324852	45.391	ng	99
25) Isophorone	7.804	82	581550	43.910	ng	100
26) 2-Nitrophenol	7.881	139	133975	46.830	ng	95
27) 2,4-Dimethylphenol	7.910	122	270610	49.919	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	333139	44.615	ng	99
29) 2,4-Dichlorophenol	8.116	162	244539	41.713	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	276824	40.275	ng	99
31) Naphthalene	8.292	128	805297	39.945	ng	99
32) Benzoic acid	8.034	122	173879m	44.865	ng	
33) 4-Chloroaniline	8.334	127	109641	13.815	ng	94
34) Hexachlorobutadiene	8.404	225	177817	40.875	ng	99
35) Caprolactam	8.710	113	76967m	44.426	ng	
36) 4-Chloro-3-methylphenol	8.816	107	270767	43.878	ng	96
37) 2-Methylnaphthalene	8.986	142	543143	40.452	ng	100
38) 1-Methylnaphthalene	9.086	142	508670	39.070	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	278111	40.398	ng	99
41) Hexachlorocyclopentadiene	9.133	237	364264	103.237	ng	99
43) 2,4,6-Trichlorophenol	9.257	196	174302	38.727	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	207429	42.947	ng	98
46) 1,1'-Biphenyl	9.451	154	674224	41.020	ng	99
47) 2-Chloronaphthalene	9.481	162	529532	39.769	ng	97
48) 2-Nitroaniline	9.569	65	189336	44.625	ng	94
49) Acenaphthylene	9.898	152	813255	39.998	ng	99
50) Dimethylphthalate	9.757	163	619111	40.437	ng	100
51) 2,6-Dinitrotoluene	9.816	165	132230	44.275	ng	90
52) Acenaphthene	10.069	154	561732	44.260	ng	98
53) 3-Nitroaniline	9.980	138	75041	24.798	ng	85
54) 2,4-Dinitrophenol	10.092	184	120361	85.972	ng	92
55) Dibenzofuran	10.245	168	723255	39.775	ng	97
56) 4-Nitrophenol	10.139	139	196418	81.537	ng	92
57) 2,4-Dinitrotoluene	10.222	165	169159	45.602	ng	96
58) Fluorene	10.586	166	570565	39.875	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.357	232	172359	42.125	ng	99
60) Diethylphthalate	10.457	149	593858	41.034	ng	99
61) 4-Chlorophenyl-phenylether	10.580	204	290746	41.094	ng	94
62) 4-Nitroaniline	10.610	138	128613	41.014	ng	97
63) Azobenzene	10.739	77	610162	40.268	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	70405	41.620	ng	83
66) n-Nitrosodiphenylamine	10.698	169	502818	40.795	ng	100
67) 4-Bromophenyl-phenylether	11.069	248	193092	42.390	ng	98
68) Hexachlorobenzene	11.133	284	204764	41.480	ng	99
69) Atrazine	11.227	200	175146	43.352	ng	99
70) Pentachlorophenol	11.327	266	239699m	83.191	ng	
71) Phenanthrene	11.557	178	860324	40.182	ng	99
72) Anthracene	11.610	178	875782	41.873	ng	99
73) Carbazole	11.763	167	780852	41.708	ng	99
74) Di-n-butylphthalate	12.092	149	906182	41.590	ng	100
75) Fluoranthene	12.751	202	973922	41.245	ng	100
77) Benzidine	12.869	184	208114	35.006	ng	98
78) Pyrene	12.986	202	987509	41.293	ng	99
80) Butylbenzylphthalate	13.604	149	373158	46.042	ng	98
81) Benzo(a)anthracene	14.180	228	797289	41.352	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	182871	32.414	ng	99
83) Chrysene	14.216	228	759662	40.445	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	481404	47.229	ng	100
85) Di-n-octyl phthalate	14.792	149	720525	50.022	ng	100
87) Indeno(1,2,3-cd)pyrene	17.321	276	632631	42.502	ng	99
88) Benzo(b)fluoranthene	15.274	252	665787	42.323	ng	98
89) Benzo(k)fluoranthene	15.304	252	644420	41.323	ng	100
90) Benzo(a)pyrene	15.668	252	562862	44.761	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	536223	43.910	ng	98
92) Benzo(g,h,i)perylene	17.804	276	522126	38.933	ng	99

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

