

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102122\
 Data File : BF130742.D
 Acq On : 21 Oct 2022 13:36
 Operator : CG\JU
 Sample : PB148386BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148386BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/24/2022
 Supervised By : Jagrut Upadhyay 10/24/2022

Quant Time: Oct 21 13:56:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 06:12:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.563	152	114501	20.000	ng	0.00
21) Naphthalene-d8	7.845	136	469716	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	215403	20.000	ng	0.00
64) Phenanthrene-d10	11.075	188	391763	20.000	ng	0.00
76) Chrysene-d12	13.710	240	250162	20.000	ng	# 0.00
86) Perylene-d12	15.080	264	227797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	842711	126.914	ng	0.02
7) Phenol-d6	6.228	99	1028018	127.960	ng	0.00
23) Nitrobenzene-d5	7.140	82	591288	66.778	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	358924	175.215	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1319617	93.360	ng	0.00
79) Terphenyl-d14	12.657	244	1552422	104.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.210	88	101762	25.759	ng	100
3) Pyridine	2.881	79	223690	29.370	ng	97
4) n-Nitrosodimethylamine	2.846	42	129929	38.398	ng	99
6) Aniline	6.234	93	354261	38.274	ng	96
8) 2-Chlorophenol	6.357	128	340645	44.336	ng	94
9) Benzaldehyde	6.122	77	95512	20.362	ng	97
10) Phenol	6.240	94	394749	44.568	ng	92
11) bis(2-Chloroethyl)ether	6.310	93	305746	46.476	ng	99
12) 1,3-Dichlorobenzene	6.498	146	350888	42.041	ng	97
13) 1,4-Dichlorobenzene	6.581	146	358189	41.724	ng	100
14) 1,2-Dichlorobenzene	6.728	146	324655	40.027	ng	98
15) Benzyl Alcohol	6.734	79	233253	39.581	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.845	45	307101	36.393	ng	# 55
17) 2-Methylphenol	6.845	107	228835	36.205	ng	98
18) Hexachloroethane	7.063	117	116619	36.373	ng	92
19) n-Nitroso-di-n-propyla...	6.992	70	193567	35.657	ng	98
20) 3+4-Methylphenols	7.004	107	302880	36.561	ng	# 84
22) Acetophenone	6.987	105	413980	36.129	ng	98
24) Nitrobenzene	7.157	77	311680	34.603	ng	100
25) Isophorone	7.398	82	641448	43.968	ng	99
26) 2-Nitrophenol	7.475	139	193325	42.808	ng	98
27) 2,4-Dimethylphenol	7.522	122	307891	50.389	ng	97
28) bis(2-Chloroethoxy)met...	7.610	93	382321	45.241	ng	100
29) 2,4-Dichlorophenol	7.722	162	264510	39.259	ng	98
30) 1,2,4-Trichlorobenzene	7.787	180	280919	39.703	ng	95
31) Naphthalene	7.869	128	995152	41.090	ng	100
32) Benzoic acid	7.710	122	136153	39.684	ng	95
33) 4-Chloroaniline	7.934	127	354195	38.013	ng	99
34) Hexachlorobutadiene	7.981	225	178158	39.604	ng	100
35) Caprolactam	8.328	113	93091m	44.208	ng	
36) 4-Chloro-3-methylphenol	8.439	107	275111	37.780	ng	93
37) 2-Methylnaphthalene	8.557	142	568736	35.841	ng	99
38) 1-Methylnaphthalene	8.657	142	550479	34.989	ng	99
40) 1,2,4,5-Tetrachloroben...	8.728	216	277308	48.516	ng	99
41) Hexachlorocyclopentadiene	8.704	237	140411	109.805	ng	94
43) 2,4,6-Trichlorophenol	8.851	196	186610	51.874	ng	96

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44) 2,4,5-Trichlorophenol	8.904	196	200120	51.151	ng	98
46) 1,1'-Biphenyl	9.022	154	782324	52.071	ng	99
47) 2-Chloronaphthalene	9.045	162	568838	45.528	ng	100
48) 2-Nitroaniline	9.163	65	198685	51.809	ng	97
49) Acenaphthylene	9.457	152	807109	43.842	ng	99
50) Dimethylphthalate	9.339	163	756094	52.185	ng	100
51) 2,6-Dinitrotoluene	9.404	165	146919	45.281	ng	88
52) Acenaphthene	9.628	154	492020	42.999	ng	98
53) 3-Nitroaniline	9.575	138	130149	35.203	ng	98
54) 2,4-Dinitrophenol	9.692	184	120853	90.699	ng	91
55) Dibenzofuran	9.804	168	765589	43.468	ng	97
56) 4-Nitrophenol	9.769	139	73670	68.101	ng	96
57) 2,4-Dinitrotoluene	9.810	165	201636	46.134	ng	92
58) Fluorene	10.145	166	640189	43.704	ng	100
59) 2,3,4,6-Tetrachlorophenol	9.933	232	148874	47.864	ng	98
60) Diethylphthalate	10.033	149	639855	42.803	ng	98
61) 4-Chlorophenyl-phenyle...	10.139	204	304164	46.328	ng	98
62) 4-Nitroaniline	10.198	138	152572	43.506	ng	99
63) Azobenzene	10.298	77	670070	51.051	ng	99
65) 4,6-Dinitro-2-methylph...	10.222	198	106357	45.424	ng	89
66) n-Nitrosodiphenylamine	10.263	169	621451	46.016	ng	99
67) 4-Bromophenyl-phenylether	10.622	248	225156	47.780	ng	98
68) Hexachlorobenzene	10.686	284	240819	44.711	ng	96
69) Atrazine	10.798	200	198396	53.046	ng	99
70) Pentachlorophenol	10.898	266	120529	88.578	ng	96
71) Phenanthrene	11.104	178	914460	42.566	ng	99
72) Anthracene	11.157	178	931660	43.458	ng	99
73) Carbazole	11.316	167	963871	48.697	ng	99
74) Di-n-butylphthalate	11.639	149	1165103	47.858	ng	98
75) Fluoranthene	12.280	202	945706	43.544	ng	98
77) Benzidine	12.416	184	355804	151.271	ng	98
78) Pyrene	12.510	202	1075263	51.207	ng	99
80) Butylbenzylphthalate	13.133	149	436214	52.354	ng	99
81) Benzo(a)anthracene	13.692	228	740362	44.292	ng	99
82) 3,3'-Dichlorobenzidine	13.663	252	258673	53.289	ng	99
83) Chrysene	13.733	228	689344	42.563	ng	99
84) Bis(2-ethylhexyl)phtha...	13.686	149	530340	53.732	ng	100
85) Di-n-octyl phthalate	14.298	149	657168	50.503	ng	100
87) Indeno(1,2,3-cd)pyrene	16.374	276	689157	42.182	ng	99
88) Benzo(b)fluoranthene	14.704	252	616261	40.631	ng	98
89) Benzo(k)fluoranthene	14.727	252	618855	40.612	ng	98
90) Benzo(a)pyrene	15.027	252	593513	48.720	ng	100
91) Dibenzo(a,h)anthracene	16.380	278	607007	44.963	ng	99
92) Benzo(g,h,i)perylene	16.757	276	618120	45.653	ng	96

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

