

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134053.D
 Acq On : 30 Jun 2023 15:21
 Operator : CG\JU
 Sample : PB153881BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153881BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 30 18:37:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	128494	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	502416	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	257975	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	507453	20.000	ng	0.00
76) Chrysene-d12	14.051	240	303913	20.000	ng	0.00
86) Perylene-d12	15.551	264	241446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	873575	113.724	ng	0.01
7) Phenol-d6	6.498	99	1041951	110.297	ng	0.00
23) Nitrobenzene-d5	7.416	82	716379	76.862	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	372674	115.219	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1347111	75.920	ng	0.00
79) Terphenyl-d14	12.980	244	1632952	86.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	125064	39.486	ng	99
3) Pyridine	3.528	79	289136	35.047	ng	98
4) n-Nitrosodimethylamine	3.493	42	200474	42.546	ng	97
6) Aniline	6.516	93	314786	27.383	ng	# 78
8) 2-Chlorophenol	6.640	128	351600	45.090	ng	96
9) Benzaldehyde	6.398	77	101993	16.627	ng	93
10) Phenol	6.510	94	405848	40.860	ng	81
11) bis(2-Chloroethyl)ether	6.587	93	321133	43.915	ng	98
12) 1,3-Dichlorobenzene	6.793	146	372717	44.834	ng	98
13) 1,4-Dichlorobenzene	6.869	146	381621	45.449	ng	98
14) 1,2-Dichlorobenzene	7.016	146	355579	45.217	ng	98
15) Benzyl Alcohol	6.998	79	322596	44.297	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	542709	41.951	ng	97
17) 2-Methylphenol	7.110	107	288620	41.334	ng	97
18) Hexachloroethane	7.357	117	143540	46.104	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	250580	41.827	ng	99
20) 3+4-Methylphenols	7.263	107	343186	40.513	ng	91
22) Acetophenone	7.263	105	493331	43.175	ng	97
24) Nitrobenzene	7.434	77	382898	40.654	ng	93
25) Isophorone	7.675	82	699702	41.307	ng	100
26) 2-Nitrophenol	7.751	139	192887	42.691	ng	98
27) 2,4-Dimethylphenol	7.787	122	308748	43.170	ng	96
28) bis(2-Chloroethoxy)met...	7.881	93	397585	40.536	ng	99
29) 2,4-Dichlorophenol	7.992	162	294133	41.474	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	314239	42.942	ng	99
31) Naphthalene	8.151	128	984325	40.560	ng	99
32) Benzoic acid	7.928	122	245468	45.803	ng	96
33) 4-Chloroaniline	8.204	127	108937	10.494	ng	96
34) Hexachlorobutadiene	8.263	225	196231	42.510	ng	98
35) Caprolactam	8.587	113	100140m	42.884	ng	
36) 4-Chloro-3-methylphenol	8.692	107	337854	42.406	ng	99
37) 2-Methylnaphthalene	8.845	142	662899	38.627	ng	99
38) 1-Methylnaphthalene	8.945	142	612388	38.384	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	319366	41.786	ng	98
41) Hexachlorocyclopentadiene	8.992	237	346822	95.650	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	219031	42.098	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	231450	37.819	ng	98
46) 1,1'-Biphenyl	9.310	154	849801	41.065	ng	98
47) 2-Chloronaphthalene	9.339	162	624454	41.243	ng	98
48) 2-Nitroaniline	9.439	65	224159	40.623	ng	93
49) Acenaphthylene	9.751	152	1016219	39.290	ng	99
50) Dimethylphthalate	9.616	163	753862	40.256	ng	100
51) 2,6-Dinitrotoluene	9.681	165	166026	41.163	ng	88
52) Acenaphthene	9.928	154	599868	39.970	ng	98
53) 3-Nitroaniline	9.851	138	104557	21.608	ng	95
54) 2,4-Dinitrophenol	9.963	184	203408	86.972	ng	90
55) Dibenzofuran	10.098	168	913819	38.960	ng	98
56) 4-Nitrophenol	10.022	139	265943	78.574	ng	90
57) 2,4-Dinitrotoluene	10.092	165	217124	40.762	ng	90
58) Fluorene	10.445	166	731542	40.089	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	202881	42.026	ng	100
60) Diethylphthalate	10.316	149	788178	40.398	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	352835	40.123	ng	98
62) 4-Nitroaniline	10.475	138	186893	38.326	ng	94
63) Azobenzene	10.598	77	737989	39.989	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	132906	48.039	ng	93
66) n-Nitrosodiphenylamine	10.557	169	654081	40.342	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	221692	41.103	ng	93
68) Hexachlorobenzene	10.992	284	253244	44.221	ng	97
69) Atrazine	11.086	200	193988	43.255	ng	98
70) Pentachlorophenol	11.192	266	263428	76.933	ng	98
71) Phenanthrene	11.410	178	1054329	41.272	ng	99
72) Anthracene	11.463	178	1079489	40.627	ng	100
73) Carbazole	11.622	167	1021699	42.010	ng	99
74) Di-n-butylphthalate	11.951	149	1258241	43.505	ng	99
75) Fluoranthene	12.610	202	1163275	42.121	ng	97
77) Benzidine	12.727	184	190233	26.306	ng	98
78) Pyrene	12.839	202	1177196	41.622	ng	100
80) Butylbenzylphthalate	13.457	149	485766	45.794	ng	98
81) Benzo(a)anthracene	14.039	228	894047	42.418	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	200503	30.026	ng	99
83) Chrysene	14.074	228	828577	40.588	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	584409	47.947	ng	99
85) Di-n-octyl phthalate	14.639	149	798625	44.592	ng	100
87) Indeno(1,2,3-cd)pyrene	17.110	276	772016	46.080	ng	98
88) Benzo(b)fluoranthene	15.110	252	678111	47.764	ng	98
89) Benzo(k)fluoranthene	15.139	252	651274	45.055	ng	98
90) Benzo(a)pyrene	15.486	252	580559	42.288	ng	99
91) Dibenzo(a,h)anthracene	17.127	278	627907	45.885	ng	98
92) Benzo(g,h,i)perylene	17.580	276	641379	45.449	ng	98

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

