

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061223\
 Data File : BF133704.D
 Acq On : 12 Jun 2023 15:06
 Operator : CG\JU
 Sample : PB153327BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153327BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 12 15:32:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	100866	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	386131	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	196486	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	379736	20.000	ng	0.00
76) Chrysene-d12	14.015	240	192914	20.000	ng	0.00
86) Perylene-d12	15.474	264	182207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	681494	117.623	ng	0.00
7) Phenol-d6	6.475	99	812802	107.774	ng	0.00
23) Nitrobenzene-d5	7.404	82	572386	80.739	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	261912	105.306	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1063322	76.928	ng	0.00
79) Terphenyl-d14	12.957	244	1093292	87.692	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	74514	29.253	ng	# 91
3) Pyridine	3.369	79	210848	28.399	ng	93
4) n-Nitrosodimethylamine	3.322	42	176274	42.952	ng	89
6) Aniline	6.498	93	341089	35.908	ng	98
8) 2-Chlorophenol	6.616	128	257830	42.227	ng	96
9) Benzaldehyde	6.387	77	150654	30.109	ng	98
10) Phenol	6.487	94	320363	40.681	ng	85
11) bis(2-Chloroethyl)ether	6.575	93	245237	41.947	ng	97
12) 1,3-Dichlorobenzene	6.775	146	280200	42.951	ng	96
13) 1,4-Dichlorobenzene	6.851	146	283901	43.056	ng	97
14) 1,2-Dichlorobenzene	7.004	146	273702	45.938	ng	100
15) Benzyl Alcohol	6.981	79	252826	42.922	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	445061	44.908	ng	98
17) 2-Methylphenol	7.092	107	215155	39.756	ng	99
18) Hexachloroethane	7.345	117	110356	48.888	ng	95
19) n-Nitroso-di-n-propyla...	7.251	70	201520	41.997	ng	91
20) 3+4-Methylphenols	7.245	107	271109	38.508	ng	# 86
22) Acetophenone	7.251	105	387088	43.708	ng	# 96
24) Nitrobenzene	7.422	77	294072	41.195	ng	94
25) Isophorone	7.657	82	532031	40.878	ng	99
26) 2-Nitrophenol	7.734	139	133426	41.648	ng	90
27) 2,4-Dimethylphenol	7.775	122	230196	41.688	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	299980	39.879	ng	99
29) 2,4-Dichlorophenol	7.975	162	219833	40.621	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	231365	40.976	ng	100
31) Naphthalene	8.145	128	747947	39.758	ng	99
32) Benzoic acid	7.904	122	156148	44.837	ng	95
33) 4-Chloroaniline	8.186	127	153157	19.040	ng	98
34) Hexachlorobutadiene	8.257	225	152876	41.353	ng	98
35) Caprolactam	8.569	113	70625m	38.783	ng	
36) 4-Chloro-3-methylphenol	8.675	107	251305	40.286	ng	100
37) 2-Methylnaphthalene	8.833	142	505489	38.673	ng	98
38) 1-Methylnaphthalene	8.933	142	472121	39.252	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	237264	39.721	ng	# 97
41) Hexachlorocyclopentadiene	8.986	237	331835	124.660	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	156989	39.330	ng	96

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44) 2,4,5-Trichlorophenol	9.151	196	171119	36.849	ng	97
46) 1,1'-Biphenyl	9.298	154	646693	40.809	ng	99
47) 2-Chloronaphthalene	9.328	162	466541	41.043	ng	98
48) 2-Nitroaniline	9.422	65	166088	39.951	ng	96
49) Acenaphthylene	9.739	152	775311	39.187	ng	100
50) Dimethylphthalate	9.604	163	560620	38.225	ng	100
51) 2,6-Dinitrotoluene	9.663	165	117613	38.852	ng	# 66
52) Acenaphthene	9.916	154	459910	39.714	ng	100
53) 3-Nitroaniline	9.833	138	94681	25.701	ng	87
54) 2,4-Dinitrophenol	9.945	184	134005	89.831	ng	86
55) Dibenzofuran	10.086	168	699178	39.567	ng	96
56) 4-Nitrophenol	9.998	139	208258	83.764	ng	# 72
57) 2,4-Dinitrotoluene	10.069	165	158405	41.144	ng	90
58) Fluorene	10.427	166	552471	40.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	143943	41.402	ng	94
60) Diethylphthalate	10.304	149	601558	40.301	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	259492	38.897	ng	92
62) 4-Nitroaniline	10.451	138	134313	37.185	ng	85
63) Azobenzene	10.580	77	579727	41.026	ng	96
65) 4,6-Dinitro-2-methylph...	10.480	198	85101	46.899	ng	89
66) n-Nitrosodiphenylamine	10.539	169	485704	38.078	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	159627	37.663	ng	97
68) Hexachlorobenzene	10.975	284	176583	39.620	ng	96
69) Atrazine	11.069	200	161657	43.680	ng	96
70) Pentachlorophenol	11.169	266	193080	72.346	ng	98
71) Phenanthrene	11.392	178	768406	39.884	ng	98
72) Anthracene	11.445	178	785162	39.085	ng	100
73) Carbazole	11.598	167	726938	38.854	ng	99
74) Di-n-butylphthalate	11.927	149	899341	37.495	ng	99
75) Fluoranthene	12.580	202	791966	38.710	ng	99
77) Benzidine	12.704	184	352963	54.525	ng	99
78) Pyrene	12.810	202	796080	44.299	ng	99
80) Butylbenzylphthalate	13.433	149	297089	39.160	ng	99
81) Benzo(a)anthracene	14.004	228	549772	41.200	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	120707	27.209	ng	# 99
83) Chrysene	14.039	228	504128	39.944	ng	98
84) Bis(2-ethylhexyl)phtha...	13.992	149	356768	38.193	ng	98
85) Di-n-octyl phthalate	14.604	149	535746	40.359	ng	96
87) Indeno(1,2,3-cd)pyrene	16.945	276	599384	47.815	ng	100
88) Benzo(b)fluoranthene	15.051	252	459131	41.482	ng	98
89) Benzo(k)fluoranthene	15.080	252	441283	40.928	ng	98
90) Benzo(a)pyrene	15.415	252	410741	39.986	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	498038	47.990	ng	99
92) Benzo(g,h,i)perylene	17.398	276	495182	48.125	ng	96

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

