

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131990.D
 Acq On : 10 Jan 2023 10:59
 Operator : CG\JU
 Sample : PB150003BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150003BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2023
 Supervised By : Jagrut Upadhyay 01/11/2023

Quant Time: Jan 11 00:33:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	105504	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	438917	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	276168	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	505018	20.000	ng	0.00
76) Chrysene-d12	13.986	240	301249	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	201898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	812690	126.927	ng	0.02
7) Phenol-d6	6.446	99	1061141	124.997	ng	0.01
23) Nitrobenzene-d5	7.369	82	755847	71.472	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	355032	111.809	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1425333	69.673	ng	0.00
79) Terphenyl-d14	12.927	244	1679251	79.895	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	88014	31.474	ng	100
3) Pyridine	3.287	79	241864	30.817	ng	98
4) n-Nitrosodimethylamine	3.269	42	153333	41.570	ng	97
6) Aniline	6.451	93	344002	30.798	ng	# 6
8) 2-Chlorophenol	6.575	128	296430	46.144	ng	99
9) Benzaldehyde	6.340	77	91427	16.185	ng	96
10) Phenol	6.457	94	415513	43.876	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	311495	43.633	ng	100
12) 1,3-Dichlorobenzene	6.728	146	309256	43.221	ng	100
13) 1,4-Dichlorobenzene	6.804	146	313103	43.248	ng	99
14) 1,2-Dichlorobenzene	6.957	146	296850	43.173	ng	98
15) Benzyl Alcohol	6.945	79	327270	44.270	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	378136	41.972	ng	69
17) 2-Methylphenol	7.063	107	271072	42.639	ng	92
18) Hexachloroethane	7.298	117	130381	43.548	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	261281	42.547	ng	95
20) 3+4-Methylphenols	7.216	107	346262	42.425	ng	90
22) Acetophenone	7.216	105	489379	38.295	ng	# 95
24) Nitrobenzene	7.387	77	394099	36.605	ng	99
25) Isophorone	7.628	82	744124	37.665	ng	100
26) 2-Nitrophenol	7.698	139	165937	39.171	ng	95
27) 2,4-Dimethylphenol	7.745	122	278498	39.386	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	412184	37.696	ng	99
29) 2,4-Dichlorophenol	7.945	162	287916	39.753	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	320198	38.602	ng	96
31) Naphthalene	8.104	128	866756	37.367	ng	99
32) Benzoic acid	7.916	122	167119	40.767	ng	98
33) 4-Chloroaniline	8.157	127	276411	28.877	ng	98
34) Hexachlorobutadiene	8.210	225	216973	37.728	ng	98
35) Caprolactam	8.563	113	97301m	45.742	ng	
36) 4-Chloro-3-methylphenol	8.657	107	343354	40.392	ng	99
37) 2-Methylnaphthalene	8.798	142	615277	36.933	ng	99
38) 1-Methylnaphthalene	8.898	142	575523	37.288	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	355688	36.550	ng	98
41) Hexachlorocyclopentadiene	8.945	237	313502	66.353	ng	96
43) 2,4,6-Trichlorophenol	9.081	196	224279	38.288	ng	99

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44) 2,4,5-Trichlorophenol	9.139	196	239773	35.160	ng	96
46) 1,1'-Biphenyl	9.263	154	796112	37.349	ng	98
47) 2-Chloronaphthalene	9.292	162	621861	37.588	ng	99
48) 2-Nitroaniline	9.398	65	219997	36.611	ng	94
49) Acenaphthylene	9.710	152	922187	35.921	ng	99
50) Dimethylphthalate	9.575	163	797068	37.026	ng	99
51) 2,6-Dinitrotoluene	9.645	165	169222	37.375	ng	98
52) Acenaphthene	9.881	154	556585	36.117	ng	98
53) 3-Nitroaniline	9.816	138	127714	29.075	ng	97
54) 2,4-Dinitrophenol	9.928	184	192328	84.603	ng	98
55) Dibenzofuran	10.051	168	879999	36.226	ng	97
56) 4-Nitrophenol	9.998	139	192213	77.687	ng	94
57) 2,4-Dinitrotoluene	10.051	165	222683	36.787	ng	92
58) Fluorene	10.398	166	709825	36.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	191494m	37.686	ng	
60) Diethylphthalate	10.275	149	779807	36.839	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	398122	35.839	ng	96
62) 4-Nitroaniline	10.445	138	144696	36.634	ng	100
63) Azobenzene	10.551	77	800249	35.638	ng	96
65) 4,6-Dinitro-2-methylph...	10.463	198	129928	39.895	ng	88
66) n-Nitrosodiphenylamine	10.516	169	617297	38.961	ng	100
67) 4-Bromophenyl-phenylether	10.881	248	244226	38.658	ng	# 91
68) Hexachlorobenzene	10.945	284	262560	41.084	ng	95
69) Atrazine	11.045	200	251143	43.588	ng	98
70) Pentachlorophenol	11.145	266	232018	68.728	ng	99
71) Phenanthrene	11.363	178	1009641	38.350	ng	99
72) Anthracene	11.416	178	1026432	37.872	ng	99
73) Carbazole	11.575	167	877835	39.123	ng	99
74) Di-n-butylphthalate	11.898	149	1208064	38.667	ng	100
75) Fluoranthene	12.557	202	1120506	37.844	ng	98
77) Benzidine	12.675	184	225142	22.496	ng	98
78) Pyrene	12.786	202	1084788	39.482	ng	99
80) Butylbenzylphthalate	13.404	149	429659	38.741	ng	92
81) Benzo(a)anthracene	13.974	228	814134	37.147	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	234991	34.354	ng	99
83) Chrysene	14.016	228	740574	36.156	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	581852	38.726	ng	99
85) Di-n-octyl phthalate	14.574	149	784257	38.144	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	586683	47.380	ng	100
88) Benzo(b)fluoranthene	15.027	252	621436	44.876	ng	98
89) Benzo(k)fluoranthene	15.057	252	585306	42.352	ng	100
90) Benzo(a)pyrene	15.392	252	510566	40.922	ng	100
91) Dibenzo(a,h)anthracene	16.939	278	515186	49.633	ng	98
92) Benzo(g,h,i)perylene	17.368	276	492451	44.579	ng	98

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

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