

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136281.D
 Acq On : 29 Nov 2023 13:53
 Operator : CG\JU
 Sample : PB157023BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 11/30/2023

Supervised By :mohammad
 ahmed
 12/01/2023

Quant Time: Nov 29 14:14:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	154385	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	682627	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	348330	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	662266	20.000	ng	0.00
76) Chrysene-d12	13.986	240	292742	20.000	ng	0.00
86) Perylene-d12	15.468	264	272293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1301285	117.317	ng	0.02
7) Phenol-d6	6.451	99	1570009	113.201	ng	0.00
23) Nitrobenzene-d5	7.375	82	954077	73.857	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	526717	123.682	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2008525	73.651	ng	0.00
79) Terphenyl-d14	12.933	244	2116492	83.396	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	128301	30.570	ng	98
3) Pyridine	3.446	79	321953	31.076	ng	95
4) n-Nitrosodimethylamine	3.410	42	194465	37.133	ng	93
6) Aniline	6.469	93	412486	31.466	ng	# 90
8) 2-Chlorophenol	6.593	128	493639	40.873	ng	96
9) Benzaldehyde	6.357	77	25224	3.263	ng	97
10) Phenol	6.463	94	601701	40.439	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	447237	40.973	ng	95
12) 1,3-Dichlorobenzene	6.746	146	515625	37.620	ng	98
13) 1,4-Dichlorobenzene	6.822	146	535155	38.408	ng	98
14) 1,2-Dichlorobenzene	6.975	146	502469	38.093	ng	98
15) Benzyl Alcohol	6.951	79	380183	39.098	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	604338	39.859	ng	98
17) 2-Methylphenol	7.063	107	388086	40.872	ng	99
18) Hexachloroethane	7.316	117	184916	37.836	ng	95
19) n-Nitroso-di-n-propyla...	7.228	70	338337	40.788	ng	97
20) 3+4-Methylphenols	7.216	107	488338	39.573	ng	93
22) Acetophenone	7.216	105	701512	39.129	ng	# 98
24) Nitrobenzene	7.393	77	493634	37.708	ng	94
25) Isophorone	7.628	82	917804	39.403	ng	99
26) 2-Nitrophenol	7.704	139	248412	44.537	ng	95
27) 2,4-Dimethylphenol	7.745	122	392635	53.482	ng	97
28) bis(2-Chloroethoxy)met...	7.840	93	560040	39.749	ng	99
29) 2,4-Dichlorophenol	7.945	162	405093	40.909	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	454526	37.491	ng	100
31) Naphthalene	8.110	128	1483088	38.653	ng	99
32) Benzoic acid	7.881	122	302764	45.251	ng	98
33) 4-Chloroaniline	8.157	127	317015	24.307	ng	98
34) Hexachlorobutadiene	8.222	225	256635	36.183	ng	99
35) Caprolactam	8.534	113	121453m	43.875	ng	
36) 4-Chloro-3-methylphenol	8.645	107	436612	40.654	ng	95
37) 2-Methylnaphthalene	8.798	142	921557	38.289	ng	99
38) 1-Methylnaphthalene	8.898	142	882972	37.606	ng	96
40) 1,2,4,5-Tetrachloroben...	8.963	216	444206	40.070	ng	99
41) Hexachlorocyclopentadiene	8.951	237	463569	108.677	ng	97
43) 2,4,6-Trichlorophenol	9.081	196	294231	40.892	ng	92

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44) 2,4,5-Trichlorophenol	9.128	196	310607	39.557	ng	97
46) 1,1'-Biphenyl	9.269	154	1220995	39.749	ng	100
47) 2-Chloronaphthalene	9.292	162	922333	38.665	ng	99
48) 2-Nitroaniline	9.387	65	265969	42.705	ng	94
49) Acenaphthylene	9.704	152	1459248	42.866	ng	99
50) Dimethylphthalate	9.575	163	1091928	41.475	ng	100
51) 2,6-Dinitrotoluene	9.634	165	224444	41.730	ng	99
52) Acenaphthene	9.881	154	848090m	39.422	ng	
53) 3-Nitroaniline	9.804	138	176429	33.059	ng	93
54) 2,4-Dinitrophenol	9.910	184	248451	99.322	ng	98
55) Dibenzofuran	10.051	168	1296798	40.510	ng	99
56) 4-Nitrophenol	9.969	139	335287	82.721	ng	94
57) 2,4-Dinitrotoluene	10.039	165	307117	42.748	ng	94
58) Fluorene	10.398	166	1002066	39.907	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	267408	42.801	ng	99
60) Diethylphthalate	10.275	149	1066958	40.514	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	478207	39.216	ng	97
62) 4-Nitroaniline	10.422	138	204016	39.055	ng	97
63) Azobenzene	10.551	77	978726	40.087	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	161304	44.540	ng	99
66) n-Nitrosodiphenylamine	10.510	169	883091	41.610	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	307287	39.771	ng	98
68) Hexachlorobenzene	10.945	284	353194	39.497	ng	100
69) Atrazine	11.045	200	257404	40.885	ng	98
70) Pentachlorophenol	11.139	266	337323	66.735	ng	97
71) Phenanthrene	11.363	178	1547388	41.571	ng	99
72) Anthracene	11.416	178	1554449	41.644	ng	100
73) Carbazole	11.569	167	1254922	39.529	ng	99
74) Di-n-butylphthalate	11.904	149	1677121	42.221	ng	99
75) Fluoranthene	12.557	202	1462800	38.712	ng	100
77) Benzidine	12.675	184	106090	22.046	ng	99
78) Pyrene	12.786	202	1435978	44.790	ng	99
80) Butylbenzylphthalate	13.410	149	449660	45.065	ng	98
81) Benzo(a)anthracene	13.974	228	898237	41.310	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	232812	44.480	ng	98
83) Chrysene	14.016	228	845623	40.278	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	504463	42.127	ng	99
85) Di-n-octyl phthalate	14.598	149	813159	42.477	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	900599	44.458	ng	99
88) Benzo(b)fluoranthene	15.033	252	835703	43.746	ng	99
89) Benzo(k)fluoranthene	15.069	252	741418	40.863	ng	100
90) Benzo(a)pyrene	15.410	252	689907	44.177	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	751146	46.096	ng	98
92) Benzo(g,h,i)perylene	17.439	276	712585	43.651	ng	98

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

