

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136241.D
 Acq On : 28 Nov 2023 10:51
 Operator : CG\JU
 Sample : PB157023BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157023BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 28 11:40:43 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	146240	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	638841	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	326291	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	564035	20.000	ng	0.00
76) Chrysene-d12	13.986	240	260711	20.000	ng	0.00
86) Perylene-d12	15.468	264	267068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1419316	135.084	ng	0.01
7) Phenol-d6	6.445	99	1710270	130.183	ng	0.00
23) Nitrobenzene-d5	7.369	82	1055420	87.302	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	511852	128.310	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2169360	84.922	ng	0.00
79) Terphenyl-d14	12.933	244	1956292	86.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	164884	41.475	ng	96
3) Pyridine	3.434	79	359676	36.650	ng	99
4) n-Nitrosodimethylamine	3.398	42	215012	43.343	ng	# 96
6) Aniline	6.475	93	510655	41.125	ng	94
8) 2-Chlorophenol	6.592	128	531047	46.419	ng	95
9) Benzaldehyde	6.357	77	84148	11.492	ng	95
10) Phenol	6.463	94	653317	46.353	ng	94
11) bis(2-Chloroethyl)ether	6.551	93	477196	46.152	ng	97
12) 1,3-Dichlorobenzene	6.745	146	559625	43.105	ng	98
13) 1,4-Dichlorobenzene	6.822	146	575401	43.597	ng	98
14) 1,2-Dichlorobenzene	6.975	146	538922	43.132	ng	98
15) Benzyl Alcohol	6.951	79	429564	46.636	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	642442	44.732	ng	100
17) 2-Methylphenol	7.063	107	420849	46.792	ng	99
18) Hexachloroethane	7.316	117	197070	42.569	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	357908	45.551	ng	97
20) 3+4-Methylphenols	7.216	107	524257	44.850	ng	95
22) Acetophenone	7.216	105	756091	45.064	ng	# 98
24) Nitrobenzene	7.386	77	526828	43.002	ng	100
25) Isophorone	7.628	82	974808	44.718	ng	99
26) 2-Nitrophenol	7.704	139	259680	49.748	ng	95
27) 2,4-Dimethylphenol	7.739	122	446312	64.961	ng	99
28) bis(2-Chloroethoxy)met...	7.839	93	590461	44.781	ng	99
29) 2,4-Dichlorophenol	7.939	162	428936	46.286	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	495453	43.668	ng	97
31) Naphthalene	8.104	128	1580723	44.022	ng	98
32) Benzoic acid	7.875	122	301333	48.124	ng	94
33) 4-Chloroaniline	8.157	127	424927	34.814	ng	98
34) Hexachlorobutadiene	8.222	225	270494	40.750	ng	98
35) Caprolactam	8.533	113	117480m	45.348	ng	
36) 4-Chloro-3-methylphenol	8.639	107	456519	45.421	ng	99
37) 2-Methylnaphthalene	8.798	142	978498	43.441	ng	98
38) 1-Methylnaphthalene	8.898	142	918304	41.792	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	464576	44.739	ng	99
41) Hexachlorocyclopentadiene	8.951	237	549242	137.459	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	309233	45.880	ng	96

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44) 2,4,5-Trichlorophenol	9.122	196	319296	43.410	ng	97
46) 1,1'-Biphenyl	9.263	154	1293145	44.941	ng	98
47) 2-Chloronaphthalene	9.286	162	965242	43.196	ng	98
48) 2-Nitroaniline	9.386	65	265865	45.571	ng	97
49) Acenaphthylene	9.704	152	1457349	45.701	ng	100
50) Dimethylphthalate	9.575	163	1101556	44.667	ng	99
51) 2,6-Dinitrotoluene	9.633	165	225968	44.851	ng	94
52) Acenaphthene	9.880	154	880184	43.678	ng	100
53) 3-Nitroaniline	9.798	138	181730	36.353	ng	99
54) 2,4-Dinitrophenol	9.910	184	227720	97.183	ng	91
55) Dibenzofuran	10.051	168	1331692	44.410	ng	100
56) 4-Nitrophenol	9.969	139	316728	83.420	ng	# 84
57) 2,4-Dinitrotoluene	10.039	165	298561	44.363	ng	97
58) Fluorene	10.392	166	1016567	43.219	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	270049	46.144	ng	99
60) Diethylphthalate	10.274	149	1065266	43.182	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	499718	43.748	ng	96
62) 4-Nitroaniline	10.422	138	191320	39.098	ng	98
63) Azobenzene	10.551	77	989828	43.280	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	151148	49.004	ng	88
66) n-Nitrosodiphenylamine	10.510	169	870523	48.161	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	309069	46.968	ng	95
68) Hexachlorobenzene	10.939	284	348554	45.767	ng	# 90
69) Atrazine	11.039	200	163791	30.547	ng	100
70) Pentachlorophenol	11.139	266	357053	82.940	ng	96
71) Phenanthrene	11.363	178	1482016	46.749	ng	100
72) Anthracene	11.410	178	1490462	46.883	ng	99
73) Carbazole	11.569	167	1134867	41.973	ng	99
74) Di-n-butylphthalate	11.904	149	1493045	44.133	ng	99
75) Fluoranthene	12.551	202	1288999	40.053	ng	97
77) Benzidine	12.674	184	166284	38.800	ng	99
78) Pyrene	12.780	202	1271120	44.519	ng	99
80) Butylbenzylphthalate	13.410	149	407804	45.892	ng	99
81) Benzo(a)anthracene	13.974	228	886164	45.762	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	260462	55.876	ng	97
83) Chrysene	14.015	228	863902	46.204	ng	98
84) Bis(2-ethylhexyl)phtha...	13.974	149	525221	49.249	ng	99
85) Di-n-octyl phthalate	14.598	149	951650	54.197	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	914722	45.943	ng	100
88) Benzo(b)fluoranthene	15.033	252	933184	49.804	ng	99
89) Benzo(k)fluoranthene	15.062	252	823704	46.286	ng	98
90) Benzo(a)pyrene	15.404	252	745155	48.648	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	752129	47.003	ng	99
92) Benzo(g,h,i)perylene	17.433	276	727346	45.349	ng	99

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

