

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136248.D
 Acq On : 28 Nov 2023 14:36
 Operator : CG\JU
 Sample : PB157197BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157197BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 28 15:04:32 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	139208	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	579681	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293186	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	524234	20.000	ng	0.00
76) Chrysene-d12	13.986	240	249649	20.000	ng	0.00
86) Perylene-d12	15.463	264	260827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1346211	134.599	ng	0.01
7) Phenol-d6	6.445	99	1601255	128.042	ng	0.00
23) Nitrobenzene-d5	7.369	82	1004492	91.569	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	496946	138.640	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2111077	91.972	ng	0.00
79) Terphenyl-d14	12.933	244	2067556	95.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	151221	39.959	ng	98
3) Pyridine	3.440	79	366214	39.202	ng	98
4) n-Nitrosodimethylamine	3.404	42	213429	45.197	ng	98
6) Aniline	6.475	93	505428	42.760	ng	95
8) 2-Chlorophenol	6.593	128	529511	48.623	ng	94
9) Benzaldehyde	6.357	77	67910	9.743	ng	97
10) Phenol	6.457	94	644296	48.023	ng	99
11) bis(2-Chloroethyl)ether	6.545	93	471520	47.907	ng	99
12) 1,3-Dichlorobenzene	6.745	146	559236	45.251	ng	97
13) 1,4-Dichlorobenzene	6.822	146	569480	45.328	ng	97
14) 1,2-Dichlorobenzene	6.975	146	532888	44.803	ng	97
15) Benzyl Alcohol	6.951	79	422178	48.150	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	636105	46.528	ng	99
17) 2-Methylphenol	7.063	107	414310	48.391	ng	98
18) Hexachloroethane	7.316	117	195418	44.344	ng	92
19) n-Nitroso-di-n-propyla...	7.222	70	355207	47.491	ng	99
20) 3+4-Methylphenols	7.216	107	511653	45.983	ng	95
22) Acetophenone	7.216	105	748096	49.138	ng	# 98
24) Nitrobenzene	7.387	77	525533	47.274	ng	99
25) Isophorone	7.628	82	966117	48.843	ng	98
26) 2-Nitrophenol	7.704	139	254765	53.787	ng	97
27) 2,4-Dimethylphenol	7.739	122	380494	61.033	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	583036	48.730	ng	100
29) 2,4-Dichlorophenol	7.939	162	428099	50.910	ng	96
30) 1,2,4-Trichlorobenzene	8.028	180	486813	47.285	ng	98
31) Naphthalene	8.104	128	1564646	48.021	ng	99
32) Benzoic acid	7.875	122	290444	51.119	ng	94
33) 4-Chloroaniline	8.157	127	268792	24.269	ng	97
34) Hexachlorobutadiene	8.222	225	271886	45.140	ng	99
35) Caprolactam	8.534	113	120291m	51.172	ng	
36) 4-Chloro-3-methylphenol	8.639	107	453186	49.691	ng	99
37) 2-Methylnaphthalene	8.798	142	965994	47.263	ng	100
38) 1-Methylnaphthalene	8.898	142	918646	46.074	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	467341	50.086	ng	98
41) Hexachlorocyclopentadiene	8.951	237	540804	150.629	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	310019	51.190	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	319975	48.414	ng	97
46) 1,1'-Biphenyl	9.263	154	1276693	49.380	ng	98
47) 2-Chloronaphthalene	9.286	162	964840	48.054	ng	97
48) 2-Nitroaniline	9.386	65	263003	50.171	ng	92
49) Acenaphthylene	9.704	152	1535294	53.582	ng	100
50) Dimethylphthalate	9.575	163	1104092	49.825	ng	99
51) 2,6-Dinitrotoluene	9.633	165	222985	49.256	ng	98
52) Acenaphthene	9.881	154	877085	48.438	ng	100
53) 3-Nitroaniline	9.798	138	152242	33.893	ng	98
54) 2,4-Dinitrophenol	9.910	184	237912	112.998	ng	89
55) Dibenzofuran	10.051	168	1327293	49.261	ng	99
56) 4-Nitrophenol	9.969	139	334572	98.069	ng	86
57) 2,4-Dinitrotoluene	10.039	165	308953	51.091	ng	98
58) Fluorene	10.392	166	1027343	48.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	269714	51.290	ng	99
60) Diethylphthalate	10.275	149	1077180	48.595	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	489365	47.679	ng	95
62) 4-Nitroaniline	10.422	138	202849	46.135	ng	99
63) Azobenzene	10.551	77	1003164	48.816	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	146988	51.273	ng	90
66) n-Nitrosodiphenylamine	10.510	169	887457	52.825	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	308399	50.425	ng	96
68) Hexachlorobenzene	10.939	284	355112	50.168	ng	# 91
69) Atrazine	11.045	200	287281	57.645	ng	98
70) Pentachlorophenol	11.139	266	396163	99.012	ng	97
71) Phenanthrene	11.363	178	1553958	52.740	ng	100
72) Anthracene	11.410	178	1559655	52.785	ng	99
73) Carbazole	11.569	167	1197333	47.645	ng	99
74) Di-n-butylphthalate	11.904	149	1619350	51.500	ng	100
75) Fluoranthene	12.551	202	1421279	47.516	ng	98
77) Benzidine	12.674	184	261295	63.672	ng	99
78) Pyrene	12.780	202	1403552	51.335	ng	99
80) Butylbenzylphthalate	13.410	149	447849	52.631	ng	97
81) Benzo(a)anthracene	13.974	228	964424	52.010	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	210168	47.085	ng	98
83) Chrysene	14.016	228	908129	50.722	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	556065	54.452	ng	99
85) Di-n-octyl phthalate	14.598	149	975550	57.656	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	957971	49.073	ng	100
88) Benzo(b)fluoranthene	15.033	252	879343	48.054	ng	100
89) Benzo(k)fluoranthene	15.063	252	880832	50.681	ng	99
90) Benzo(a)pyrene	15.404	252	771408	51.567	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	768652	49.059	ng	99
92) Benzo(g,h,i)perylene	17.433	276	738554	47.074	ng	98

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

