

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136682.D
 Acq On : 22 Dec 2023 12:55
 Operator : CG\JU
 Sample : PB157642BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157642BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2023
 Supervised By :mohammad ahmed 12/25/2023

Quant Time: Dec 22 13:12:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	91169	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	378658	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189817	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	360991	20.000	ng	0.00
76) Chrysene-d12	13.968	240	173750	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	156267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	688494	117.830	ng	0.01
7) Phenol-d6	6.439	99	858481	113.387	ng	0.00
23) Nitrobenzene-d5	7.351	82	543407	73.435	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247099	110.533	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1005699	71.261	ng	0.00
79) Terphenyl-d14	12.910	244	1006793	80.976	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	73910	30.358	ng	98
3) Pyridine	3.393	79	179524	30.222	ng	99
4) n-Nitrosodimethylamine	3.357	42	128655	40.558	ng	98
6) Aniline	6.451	93	194877	25.744	ng	# 1
8) 2-Chlorophenol	6.575	128	271143	42.404	ng	97
9) Benzaldehyde	6.339	77	69716	16.188	ng	99
10) Phenol	6.451	94	316807	39.197	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	255038	41.493	ng	100
12) 1,3-Dichlorobenzene	6.728	146	266797	38.248	ng	98
13) 1,4-Dichlorobenzene	6.804	146	277738	38.968	ng	99
14) 1,2-Dichlorobenzene	6.951	146	264154	39.829	ng	99
15) Benzyl Alcohol	6.934	79	217352	42.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	416739	41.470	ng	99
17) 2-Methylphenol	7.051	107	215051	40.597	ng	96
18) Hexachloroethane	7.292	117	100797	38.941	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	182124	39.682	ng	99
20) 3+4-Methylphenols	7.204	107	258231	39.020	ng	# 74
22) Acetophenone	7.198	105	370935	39.083	ng	98
24) Nitrobenzene	7.369	77	279676	37.729	ng	99
25) Isophorone	7.610	82	508586	37.772	ng	99
26) 2-Nitrophenol	7.686	139	143232	40.386	ng	97
27) 2,4-Dimethylphenol	7.728	122	216895	50.234	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	314387	38.412	ng	99
29) 2,4-Dichlorophenol	7.928	162	216167	38.888	ng	100
30) 1,2,4-Trichlorobenzene	8.004	180	235473	38.020	ng	97
31) Naphthalene	8.086	128	784407	37.707	ng	100
32) Benzoic acid	7.875	122	161045	38.549	ng	99
33) 4-Chloroaniline	8.139	127	172802	22.498	ng	96
34) Hexachlorobutadiene	8.198	225	136017	36.147	ng	99
35) Caprolactam	8.522	113	71790m	39.148	ng	
36) 4-Chloro-3-methylphenol	8.633	107	238972	38.187	ng	99
37) 2-Methylnaphthalene	8.775	142	492346	36.776	ng	100
38) 1-Methylnaphthalene	8.875	142	465497	35.440	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	231886	39.446	ng	99
41) Hexachlorocyclopentadiene	8.928	237	173854	91.974	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	150368	39.885	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	168972	40.220	ng	# 94
46) 1,1'-Biphenyl	9.245	154	616390	38.697	ng	98
47) 2-Chloronaphthalene	9.269	162	465637	38.453	ng	100
48) 2-Nitroaniline	9.369	65	155650	41.047	ng	99
49) Acenaphthylene	9.686	152	753391	40.705	ng	99
50) Dimethylphthalate	9.551	163	549441	39.629	ng	99
51) 2,6-Dinitrotoluene	9.616	165	119654	38.026	ng	91
52) Acenaphthene	9.857	154	437293	38.114	ng	99
53) 3-Nitroaniline	9.786	138	103186	30.957	ng	90
54) 2,4-Dinitrophenol	9.898	184	137743	79.032	ng	89
55) Dibenzofuran	10.033	168	662984	38.121	ng	98
56) 4-Nitrophenol	9.963	139	174812	77.689	ng	98
57) 2,4-Dinitrotoluene	10.022	165	153558	37.592	ng	97
58) Fluorene	10.375	166	526719	38.169	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138647	42.872	ng	99
60) Diethylphthalate	10.251	149	562339	39.091	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	251784	37.537	ng	98
62) 4-Nitroaniline	10.404	138	113032m	35.176	ng	
63) Azobenzene	10.527	77	525149	39.085	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	86512	41.817	ng	96
66) n-Nitrosodiphenylamine	10.492	169	481841	41.089	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	158816	39.614	ng	99
68) Hexachlorobenzene	10.922	284	174370	39.029	ng	96
69) Atrazine	11.022	200	116678	38.901	ng	97
70) Pentachlorophenol	11.122	266	151213	72.612	ng	98
71) Phenanthrene	11.339	178	743430	40.136	ng	98
72) Anthracene	11.392	178	743907	39.657	ng	99
73) Carbazole	11.551	167	684619	38.710	ng	100
74) Di-n-butylphthalate	11.880	149	862771	39.978	ng	100
75) Fluoranthene	12.533	202	746874	37.696	ng	99
77) Benzidine	12.657	184	29161	5.692	ng	99
78) Pyrene	12.763	202	741216	43.457	ng	99
80) Butylbenzylphthalate	13.386	149	281061	45.286	ng	98
81) Benzo(a)anthracene	13.957	228	492495	40.820	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	140582	41.030	ng	98
83) Chrysene	13.992	228	475626	40.313	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	348197	44.591	ng	97
85) Di-n-octyl phthalate	14.562	149	549725	45.511	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	571718	50.672	ng	100
88) Benzo(b)fluoranthene	15.009	252	442740	42.419	ng	100
89) Benzo(k)fluoranthene	15.039	252	434647	44.072	ng	98
90) Benzo(a)pyrene	15.380	252	393803	44.699	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	473868	51.194	ng	97
92) Benzo(g,h,i)perylene	17.403	276	478058	50.426	ng	99

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

Manual Integrations

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