

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135038.D
 Acq On : 31 Aug 2023 13:17
 Operator : CG\JU
 Sample : PB155191BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155191BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/01/2023
 Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 16:10:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	123372	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	508672	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	264832	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	494541	20.000	ng	0.00
76) Chrysene-d12	13.968	240	300173	20.000	ng	0.00
86) Perylene-d12	15.433	264	241716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1001506	125.388	ng	0.02
7) Phenol-d6	6.422	99	1248801	125.438	ng	0.00
23) Nitrobenzene-d5	7.339	82	790309	87.286	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	347439	123.674	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1366811	84.027	ng	0.00
79) Terphenyl-d14	12.910	244	1533455	83.367	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	125495	37.092	ng	99
3) Pyridine	3.340	79	329750	36.152	ng	99
4) n-Nitrosodimethylamine	3.299	42	208327	46.704	ng	100
6) Aniline	6.439	93	487672	39.514	ng	# 81
8) 2-Chlorophenol	6.563	128	405500	49.973	ng	98
9) Benzaldehyde	6.328	77	246520	48.597	ng	97
10) Phenol	6.434	94	481766	46.095	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	376335	47.817	ng	99
12) 1,3-Dichlorobenzene	6.716	146	406128	48.579	ng	98
13) 1,4-Dichlorobenzene	6.792	146	413095	49.370	ng	98
14) 1,2-Dichlorobenzene	6.939	146	394422	50.514	ng	99
15) Benzyl Alcohol	6.922	79	341381	50.051	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	610852	46.348	ng	99
17) 2-Methylphenol	7.034	107	320985	45.395	ng	97
18) Hexachloroethane	7.281	117	152636	49.245	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	262365	44.367	ng	94
20) 3+4-Methylphenols	7.186	107	375306	44.990	ng	97
22) Acetophenone	7.186	105	515740	45.583	ng	# 99
24) Nitrobenzene	7.363	77	411190	44.273	ng	97
25) Isophorone	7.598	82	758717	44.197	ng	100
26) 2-Nitrophenol	7.675	139	219697	47.877	ng	99
27) 2,4-Dimethylphenol	7.716	122	351781	47.617	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	448851	43.344	ng	98
29) 2,4-Dichlorophenol	7.916	162	324048	46.151	ng	99
30) 1,2,4-Trichlorobenzene	7.998	180	354015	46.656	ng	100
31) Naphthalene	8.075	128	1129743	45.465	ng	99
32) Benzoic acid	7.851	122	272234	46.065	ng	97
33) 4-Chloroaniline	8.128	127	394766	36.322	ng	97
34) Hexachlorobutadiene	8.192	225	197017	45.753	ng	97
35) Caprolactam	8.504	113	113185m	49.233	ng	
36) 4-Chloro-3-methylphenol	8.622	107	358952	47.068	ng	98
37) 2-Methylnaphthalene	8.769	142	718784	43.354	ng	100
38) 1-Methylnaphthalene	8.869	142	671473	43.284	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	325120	43.854	ng	99
41) Hexachlorocyclopentadiene	8.922	237	342851	108.655	ng	98
43) 2,4,6-Trichlorophenol	9.051	196	230494	46.294	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	247038	42.857	ng	94
46) 1,1'-Biphenyl	9.239	154	889511	43.962	ng	99
47) 2-Chloronaphthalene	9.263	162	689694	45.328	ng	100
48) 2-Nitroaniline	9.363	65	240282	46.132	ng	94
49) Acenaphthylene	9.675	152	1031015	44.825	ng	99
50) Dimethylphthalate	9.545	163	823332	44.399	ng	99
51) 2,6-Dinitrotoluene	9.610	165	187583	46.101	ng	87
52) Acenaphthene	9.851	154	653399	44.577	ng	99
53) 3-Nitroaniline	9.775	138	183243	38.660	ng	99
54) 2,4-Dinitrophenol	9.892	184	216373	111.264	ng	91
55) Dibenzofuran	10.022	168	921956	43.603	ng	100
56) 4-Nitrophenol	9.951	139	334962	100.534	ng	95
57) 2,4-Dinitrotoluene	10.016	165	235115	46.366	ng	95
58) Fluorene	10.369	166	720480	44.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	209939	47.298	ng	98
60) Diethylphthalate	10.245	149	770372	44.132	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	349615	43.847	ng	94
62) 4-Nitroaniline	10.398	138	206180	44.456	ng	99
63) Azobenzene	10.522	77	771669	43.903	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	148009	49.451	ng	92
66) n-Nitrosodiphenylamine	10.486	169	671881	43.694	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	225798	43.047	ng	96
68) Hexachlorobenzene	10.916	284	249072	45.922	ng	96
70) Pentachlorophenol	11.116	266	270783	82.522	ng	98
71) Phenanthrene	11.333	178	1132500	44.388	ng	100
72) Anthracene	11.386	178	1148146	44.045	ng	99
73) Carbazole	11.545	167	1030879	45.850	ng	99
74) Di-n-butylphthalate	11.880	149	1182272	43.621	ng	100
75) Fluoranthene	12.527	202	1176967	45.627	ng	99
77) Benzidine	12.657	184	607020	112.181	ng	98
78) Pyrene	12.763	202	1197257	42.009	ng	99
80) Butylbenzylphthalate	13.386	149	477449	46.373	ng	99
81) Benzo(a)anthracene	13.957	228	889943	43.463	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	305009	49.365	ng	98
83) Chrysene	13.992	228	872633	43.365	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	538269	50.517	ng	100
85) Di-n-octyl phthalate	14.568	149	832548	51.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	739656	45.430	ng	98
88) Benzo(b)fluoranthene	15.010	252	737021	49.004	ng	98
89) Benzo(k)fluoranthene	15.039	252	697591	48.011	ng	99
90) Benzo(a)pyrene	15.374	252	614023	43.948	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	609642	46.232	ng	98
92) Benzo(g,h,i)perylene	17.374	276	620242	45.225	ng	99

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

