

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140598.D
 Acq On : 25 Nov 2024 13:02
 Operator : RC/JU
 Sample : PB165152BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165152BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 25 13:42:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99301	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	382645	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214473	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	401581	20.000	ng	0.00
76) Chrysene-d12	14.051	240	233962	20.000	ng	0.00
86) Perylene-d12	15.557	264	195258	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	846159	145.389	ng	0.02
7) Phenol-d6	6.516	99	1097124	142.592	ng	0.00
23) Nitrobenzene-d5	7.434	82	721964	96.509	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	341909	149.058	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1385588	96.257	ng	0.00
79) Terphenyl-d14	12.986	244	1517791	101.016	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	113338	46.317	ng	99
3) Pyridine	3.516	79	284772	52.893	ng	100
4) n-Nitrosodimethylamine	3.469	42	159233	50.321	ng	94
6) Aniline	6.534	93	296838	54.812	ng	# 76
8) 2-Chlorophenol	6.663	128	331219	52.898	ng	96
9) Benzaldehyde	6.422	77	157871	38.759	ng	99
10) Phenol	6.528	94	410774	52.277	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	312507	51.973	ng	99
12) 1,3-Dichlorobenzene	6.810	146	349953	49.740	ng	99
13) 1,4-Dichlorobenzene	6.887	146	356626	50.061	ng	99
14) 1,2-Dichlorobenzene	7.039	146	335974	50.331	ng	99
15) Benzyl Alcohol	7.016	79	306875	53.782	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	384656	54.150	ng	87
17) 2-Methylphenol	7.134	107	260567	51.987	ng	97
18) Hexachloroethane	7.381	117	132570	49.826	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	236264	51.958	ng	97
20) 3+4-Methylphenols	7.281	107	335470	52.072	ng	96
22) Acetophenone	7.281	105	449242	48.157	ng	99
24) Nitrobenzene	7.457	77	360886	46.677	ng	98
25) Isophorone	7.692	82	640025	51.295	ng	100
26) 2-Nitrophenol	7.769	139	178581	52.120	ng	98
27) 2,4-Dimethylphenol	7.810	122	265144	64.677	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	387181	50.936	ng	100
29) 2,4-Dichlorophenol	8.016	162	279062	51.372	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	294239	47.440	ng	99
31) Naphthalene	8.175	128	961872	48.802	ng	100
32) Benzoic acid	7.945	122	166417	46.851	ng	99
33) 4-Chloroaniline	8.222	127	131641	22.308	ng	98
34) Hexachlorobutadiene	8.286	225	197852	48.161	ng	99
35) Caprolactam	8.598	113	86604m	51.517	ng	
36) 4-Chloro-3-methylphenol	8.716	107	311756	51.259	ng	99
37) 2-Methylnaphthalene	8.863	142	636017	50.805	ng	100
38) 1-Methylnaphthalene	8.963	142	593614	48.376	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	307592	48.990	ng	99
41) Hexachlorocyclopentadiene	9.016	237	289488	193.715	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	200728	50.949	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	213723	49.984	ng	98
46) 1,1'-Biphenyl	9.328	154	791809	49.449	ng	100
47) 2-Chloronaphthalene	9.357	162	592185	48.807	ng	99
48) 2-Nitroaniline	9.457	65	199018	51.102	ng	98
49) Acenaphthylene	9.775	152	977979	53.347	ng	100
50) Dimethylphthalate	9.633	163	724262	51.275	ng	100
51) 2,6-Dinitrotoluene	9.698	165	158048	49.336	ng	94
52) Acenaphthene	9.945	154	596240	51.187	ng	99
53) 3-Nitroaniline	9.869	138	100618	32.114	ng	94
54) 2,4-Dinitrophenol	9.980	184	152527	90.766	ng	96
55) Dibenzofuran	10.116	168	893805	50.306	ng	99
56) 4-Nitrophenol	10.045	139	213899	100.102	ng	96
57) 2,4-Dinitrotoluene	10.104	165	211757	49.737	ng	98
58) Fluorene	10.463	166	706702	49.554	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	183707	55.904	ng	95
60) Diethylphthalate	10.327	149	729880	50.858	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	346192	49.464	ng	97
62) 4-Nitroaniline	10.486	138	162008	49.301	ng	97
63) Azobenzene	10.610	77	687690	50.600	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	114647	55.868	ng	98
66) n-Nitrosodiphenylamine	10.569	169	605842	51.015	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	209859	50.744	ng	97
68) Hexachlorobenzene	11.010	284	242139	50.565	ng	100
69) Atrazine	11.098	200	204968	61.351	ng	100
70) Pentachlorophenol	11.210	266	217924	103.398	ng	99
71) Phenanthrene	11.427	178	997351	51.667	ng	100
72) Anthracene	11.480	178	1020413	54.040	ng	100
73) Carbazole	11.633	167	919335	50.610	ng	100
74) Di-n-butylphthalate	11.957	149	1080749	51.534	ng	100
75) Fluoranthene	12.616	202	1065582	50.842	ng	99
77) Benzidine	12.733	184	303000	44.544	ng	99
78) Pyrene	12.845	202	1095938	50.661	ng	100
80) Butylbenzylphthalate	13.457	149	420209	53.922	ng	98
81) Benzo(a)anthracene	14.039	228	830546	53.627	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	154079	33.136	ng	100
83) Chrysene	14.080	228	735574	51.942	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	539818	54.858	ng	99
85) Di-n-octyl phthalate	14.651	149	772524	57.445	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	647722	50.903	ng	98
88) Benzo(b)fluoranthene	15.121	252	621111	50.643	ng	99
89) Benzo(k)fluoranthene	15.151	252	583206	54.340	ng	99
90) Benzo(a)pyrene	15.492	252	561220	56.280	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	529761	50.835	ng	98
92) Benzo(g,h,i)perylene	17.527	276	490635	46.138	ng	99

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

