

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140419.D
 Acq On : 16 Nov 2024 10:28
 Operator : RC/JU
 Sample : PB164993BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164993BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 00:04:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	169538	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	648089	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	365262	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	688745	20.000	ng	0.00
76) Chrysene-d12	14.057	240	378177	20.000	ng	0.00
86) Perylene-d12	15.545	264	337908	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1198388	120.687	ng	0.03
7) Phenol-d6	6.522	99	1554660	115.561	ng	0.02
23) Nitrobenzene-d5	7.439	82	1035098	83.216	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	474213	130.556	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1888003	83.093	ng	0.00
79) Terphenyl-d14	12.992	244	2171957	99.691	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	144696	32.695	ng	99
3) Pyridine	3.487	79	377804	34.725	ng	99
4) n-Nitrosodimethylamine	3.446	42	223584	40.660	ng	99
6) Aniline	6.539	93	466474	39.859	ng	# 21
8) 2-Chlorophenol	6.669	128	472492	44.297	ng	98
9) Benzaldehyde	6.428	77	44647	5.537	ng	97
10) Phenol	6.539	94	575667	40.576	ng	# 68
11) bis(2-Chloroethyl)ether	6.610	93	459310	42.727	ng	99
12) 1,3-Dichlorobenzene	6.816	146	480465	40.826	ng	99
13) 1,4-Dichlorobenzene	6.892	146	486839	40.797	ng	99
14) 1,2-Dichlorobenzene	7.045	146	464191	41.902	ng	99
15) Benzyl Alcohol	7.022	79	429500	44.312	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	611352	41.173	ng	# 45
17) 2-Methylphenol	7.139	107	376425	42.900	ng	# 91
18) Hexachloroethane	7.386	117	182767	41.429	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	332312	40.899	ng	99
20) 3+4-Methylphenols	7.292	107	460641	41.978	ng	98
22) Acetophenone	7.287	105	621959	41.263	ng	99
24) Nitrobenzene	7.463	77	515024	39.768	ng	98
25) Isophorone	7.698	82	936484	42.480	ng	100
26) 2-Nitrophenol	7.775	139	253075	44.036	ng	100
27) 2,4-Dimethylphenol	7.816	122	385255m	52.361	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	561498	41.539	ng	99
29) 2,4-Dichlorophenol	8.022	162	397282	43.691	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	406910	40.194	ng	100
31) Naphthalene	8.181	128	1362481	41.443	ng	100
32) Benzoic acid	7.945	122	292235	45.138	ng	97
33) 4-Chloroaniline	8.228	127	380340	33.266	ng	100
34) Hexachlorobutadiene	8.292	225	261677	40.569	ng	99
35) Caprolactam	8.598	113	134251m	44.421	ng	
36) 4-Chloro-3-methylphenol	8.722	107	436311	43.298	ng	99
37) 2-Methylnaphthalene	8.869	142	888597	42.152	ng	99
38) 1-Methylnaphthalene	8.969	142	828388	40.129	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	416489	41.234	ng	99
41) Hexachlorocyclopentadiene	9.022	237	423884	163.448	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	289300	43.643	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	306431	42.282	ng	96
46) 1,1'-Biphenyl	9.333	154	1111114	41.814	ng	100
47) 2-Chloronaphthalene	9.363	162	822289	40.623	ng	99
48) 2-Nitroaniline	9.463	65	290570	43.284	ng	100
49) Acenaphthylene	9.780	152	1370350	44.744	ng	100
50) Dimethylphthalate	9.639	163	1034918	43.469	ng	100
51) 2,6-Dinitrotoluene	9.704	165	225750	41.592	ng	96
52) Acenaphthene	9.951	154	995287m	48.115	ng	
53) 3-Nitroaniline	9.875	138	201102	35.281	ng	98
54) 2,4-Dinitrophenol	9.986	184	266092	95.069	ng	97
55) Dibenzofuran	10.122	168	1241132	42.384	ng	99
56) 4-Nitrophenol	10.051	139	345985	83.215	ng	98
57) 2,4-Dinitrotoluene	10.110	165	308663	43.210	ng	98
58) Fluorene	10.469	166	972880	42.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	267275	46.707	ng	99
60) Diethylphthalate	10.339	149	1058472	43.478	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	482542	42.252	ng	98
62) 4-Nitroaniline	10.492	138	243628	41.801	ng	99
63) Azobenzene	10.616	77	1029776	42.810	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	184898	49.897	ng	94
66) n-Nitrosodiphenylamine	10.575	169	875629	44.001	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	293010	42.559	ng	98
68) Hexachlorobenzene	11.016	284	331678	42.817	ng	98
69) Atrazine	11.104	200	197606	32.821	ng	99
70) Pentachlorophenol	11.216	266	353643	84.751	ng	99
71) Phenanthrene	11.433	178	1382599	42.733	ng	99
72) Anthracene	11.480	178	1428714	45.057	ng	100
73) Carbazole	11.639	167	1318987	42.127	ng	100
74) Di-n-butylphthalate	11.963	149	1662288	44.235	ng	100
75) Fluoranthene	12.621	202	1529420	42.134	ng	100
77) Benzidine	12.739	184	160792	11.078	ng	98
78) Pyrene	12.851	202	1550782	47.940	ng	100
80) Butylbenzylphthalate	13.463	149	645531	51.948	ng	97
81) Benzo(a)anthracene	14.039	228	1149970	46.268	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	306540	38.802	ng	100
83) Chrysene	14.080	228	996044	43.921	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	848424	51.151	ng	99
85) Di-n-octyl phthalate	14.645	149	1135241	48.597	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	998007	47.812	ng	99
88) Benzo(b)fluoranthene	15.110	252	854955	38.678	ng	100
89) Benzo(k)fluoranthene	15.139	252	860355	47.645	ng	99
90) Benzo(a)pyrene	15.486	252	808559	47.104	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	811962	47.060	ng	99
92) Benzo(g,h,i)perylene	17.515	276	745674	42.274	ng	100

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

