

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
 Data File : BF138440.D
 Acq On : 03 Jul 2024 11:57
 Operator : CG\JU
 Sample : PB161852BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161852BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 03 12:19:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	238231	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1018909	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	562511	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	940383	20.000	ng	0.00
76) Chrysene-d12	14.033	240	407442	20.000	ng	0.00
86) Perylene-d12	15.498	264	487735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1786104	124.303	ng	0.02
7) Phenol-d6	6.522	99	2431663	125.626	ng	0.00
23) Nitrobenzene-d5	7.445	82	1592867	81.210	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	555230	120.813	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2515326	71.164	ng	0.00
79) Terphenyl-d14	12.980	244	2160348	72.663	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	224538	33.175	ng	100
3) Pyridine	3.504	79	538893	33.375	ng	98
4) n-Nitrosodimethylamine	3.463	42	460683	45.733	ng	97
6) Aniline	6.540	93	554299	29.345	ng	# 69
8) 2-Chlorophenol	6.663	128	762610	49.438	ng	98
9) Benzaldehyde	6.422	77	312733	26.177	ng	98
10) Phenol	6.534	94	909472	44.101	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	747456	46.149	ng	99
12) 1,3-Dichlorobenzene	6.816	146	713580	40.395	ng	99
13) 1,4-Dichlorobenzene	6.892	146	719811	40.639	ng	98
14) 1,2-Dichlorobenzene	7.039	146	702578	42.967	ng	99
15) Benzyl Alcohol	7.022	79	697887	50.338	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1464617	44.832	ng	93
17) 2-Methylphenol	7.134	107	586822	45.902	ng	# 94
18) Hexachloroethane	7.386	117	268505	42.027	ng	95
19) n-Nitroso-di-n-propyla...	7.298	70	548100	44.917	ng	97
20) 3+4-Methylphenols	7.287	107	675798	45.496	ng	94
22) Acetophenone	7.287	105	970143	41.969	ng	98
24) Nitrobenzene	7.463	77	829759	41.593	ng	99
25) Isophorone	7.698	82	1602138	44.299	ng	100
26) 2-Nitrophenol	7.775	139	401234	46.628	ng	100
27) 2,4-Dimethylphenol	7.816	122	541324m	49.153	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	943617	43.346	ng	100
29) 2,4-Dichlorophenol	8.022	162	614118	43.417	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	660055	40.134	ng	100
31) Naphthalene	8.181	128	2088607	40.548	ng	100
32) Benzoic acid	7.969	122	505585	50.036	ng	96
33) 4-Chloroaniline	8.228	127	455546	25.323	ng	97
34) Hexachlorobutadiene	8.292	225	376377	38.117	ng	99
35) Caprolactam	8.622	113	206828m	46.305	ng	
36) 4-Chloro-3-methylphenol	8.722	107	676238	44.883	ng	98
37) 2-Methylnaphthalene	8.869	142	1352638	40.632	ng	99
38) 1-Methylnaphthalene	8.969	142	1260905	39.055	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	604298	38.839	ng	99
41) Hexachlorocyclopentadiene	9.022	237	480299	104.872	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	415965	42.015	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	434106	40.317	ng	96
46) 1,1'-Biphenyl	9.339	154	1659315	39.507	ng	99
47) 2-Chloronaphthalene	9.363	162	1271650	39.710	ng	100
48) 2-Nitroaniline	9.463	65	487072	47.152	ng	96
49) Acenaphthylene	9.775	152	1918810	42.605	ng	99
50) Dimethylphthalate	9.645	163	1551929	42.928	ng	99
51) 2,6-Dinitrotoluene	9.704	165	344037	42.491	ng	97
52) Acenaphthene	9.951	154	1385126m	44.916	ng	
53) 3-Nitroaniline	9.875	138	270990	33.888	ng	96
54) 2,4-Dinitrophenol	9.980	184	347844	99.163	ng	96
55) Dibenzofuran	10.122	168	1696614	39.930	ng	97
56) 4-Nitrophenol	10.045	139	525984	101.447	ng	87
57) 2,4-Dinitrotoluene	10.110	165	447121	44.850	ng	96
58) Fluorene	10.463	166	1293854	38.323	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	370107	46.278	ng	100
60) Diethylphthalate	10.339	149	1438444	42.558	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	640211	37.374	ng	96
62) 4-Nitroaniline	10.492	138	338278	46.088	ng	99
63) Azobenzene	10.616	77	1587793	44.481	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	249535	49.370	ng	81
66) n-Nitrosodiphenylamine	10.575	169	1198249	41.044	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	402037	39.775	ng	94
68) Hexachlorobenzene	11.010	284	432245	38.798	ng	92
69) Atrazine	11.104	200	356625	43.568	ng	100
70) Pentachlorophenol	11.204	266	506190	89.519	ng	99
71) Phenanthrene	11.427	178	1894426	41.260	ng	99
72) Anthracene	11.474	178	1918613	41.902	ng	99
73) Carbazole	11.633	167	1607509	42.288	ng	100
74) Di-n-butylphthalate	11.957	149	2081031	43.197	ng	99
75) Fluoranthene	12.610	202	1697251	41.233	ng	97
77) Benzidine	12.727	184	42039	12.903	ng	98
78) Pyrene	12.839	202	1665390	38.243	ng	98
80) Butylbenzylphthalate	13.451	149	607149	45.819	ng	97
81) Benzo(a)anthracene	14.021	228	1153255	43.975	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	339694	43.873	ng	100
83) Chrysene	14.063	228	1145554	44.891	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	788094	47.424	ng	100
85) Di-n-octyl phthalate	14.621	149	1495214	51.404	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	1227868	50.104	ng	99
88) Benzo(b)fluoranthene	15.074	252	1210505	45.235	ng	98
89) Benzo(k)fluoranthene	15.104	252	1225909	49.736	ng	98
90) Benzo(a)pyrene	15.445	252	1153560	49.181	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	990875	50.091	ng	100
92) Benzo(g,h,i)perylene	17.427	276	929804	48.048	ng	98

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

