

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138002.D
 Acq On : 22 May 2024 13:13
 Operator : CG\JU
 Sample : PB161034BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161034BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 13:45:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	156935	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	631403	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	361308	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	636618	20.000	ng	0.00
76) Chrysene-d12	14.233	240	372232	20.000	ng	0.00
86) Perylene-d12	15.792	264	302803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1103135	119.402	ng	0.00
7) Phenol-d6	6.657	99	1364336	119.881	ng	0.00
23) Nitrobenzene-d5	7.598	82	850583	79.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	496825	136.376	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1839508	78.425	ng	0.00
79) Terphenyl-d14	13.169	244	2119759	83.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	134341	33.566	ng	99
3) Pyridine	3.775	79	331632	36.928	ng	99
4) n-Nitrosodimethylamine	3.746	42	164687	41.570	ng	100
6) Aniline	6.698	93	327190m	32.143	ng	
8) 2-Chlorophenol	6.822	128	452955	45.303	ng	97
9) Benzaldehyde	6.593	77	365839	59.415	ng	99
10) Phenol	6.669	94	499741	43.504	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	394308	44.706	ng	97
12) 1,3-Dichlorobenzene	6.975	146	468001	40.456	ng	97
13) 1,4-Dichlorobenzene	7.051	146	478207	41.184	ng	98
14) 1,2-Dichlorobenzene	7.204	146	462317	42.304	ng	100
15) Benzyl Alcohol	7.175	79	356363	46.893	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	485601	44.789	ng	98
17) 2-Methylphenol	7.275	107	353960	44.392	ng	99
18) Hexachloroethane	7.545	117	164879	41.962	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	289681	45.305	ng	97
20) 3+4-Methylphenols	7.428	107	456031	43.657	ng	94
22) Acetophenone	7.445	105	602346	42.585	ng	# 99
24) Nitrobenzene	7.622	77	438901	40.325	ng	98
25) Isophorone	7.851	82	812860	43.653	ng	99
26) 2-Nitrophenol	7.934	139	247692	45.291	ng	98
27) 2,4-Dimethylphenol	7.957	122	330272	46.906	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	492263	43.619	ng	99
29) 2,4-Dichlorophenol	8.169	162	393295	44.419	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	405299	40.998	ng	99
31) Naphthalene	8.339	128	1304975	41.105	ng	99
32) Benzoic acid	8.087	122	296434	49.804	ng	99
33) 4-Chloroaniline	8.381	127	187087	17.976	ng	98
34) Hexachlorobutadiene	8.451	225	252017	40.275	ng	99
35) Caprolactam	8.763	113	124021m	48.347	ng	
36) 4-Chloro-3-methylphenol	8.863	107	406351	45.115	ng	99
37) 2-Methylnaphthalene	9.034	142	869194	42.593	ng	98
38) 1-Methylnaphthalene	9.134	142	811542	40.451	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	420172	42.776	ng	99
41) Hexachlorocyclopentadiene	9.187	237	447959	120.021	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	290916	45.171	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138002.D
 Acq On : 22 May 2024 13:13
 Operator : CG\JU
 Sample : PB161034BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161034BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 22 13:45:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	315221	44.732	ng	97
46) 1,1'-Biphenyl	9.498	154	1081921	42.693	ng	99
47) 2-Chloronaphthalene	9.528	162	842319	41.638	ng	98
48) 2-Nitroaniline	9.622	65	232262	44.836	ng	96
49) Acenaphthylene	9.945	152	1343162	46.177	ng	99
50) Dimethylphthalate	9.798	163	1032340	45.564	ng	99
51) 2,6-Dinitrotoluene	9.863	165	228699	43.980	ng	99
52) Acenaphthene	10.122	154	916254	47.660	ng	99
53) 3-Nitroaniline	10.034	138	162522	31.970	ng	99
54) 2,4-Dinitrophenol	10.139	184	264222	92.829	ng	# 87
55) Dibenzofuran	10.292	168	1214401	43.404	ng	100
56) 4-Nitrophenol	10.192	139	361153	98.913	ng	93
57) 2,4-Dinitrotoluene	10.269	165	314787	46.826	ng	# 89
58) Fluorene	10.639	166	962450	43.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	265386	47.939	ng	99
60) Diethylphthalate	10.498	149	981773	46.397	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	486057	44.537	ng	98
62) 4-Nitroaniline	10.657	138	211713	43.909	ng	98
63) Azobenzene	10.786	77	876122	45.520	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	182131	49.548	ng	99
66) n-Nitrosodiphenylamine	10.745	169	850336	43.555	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	308499	44.203	ng	100
68) Hexachlorobenzene	11.186	284	330502	42.841	ng	100
69) Atrazine	11.269	200	291367	54.654	ng	100
70) Pentachlorophenol	11.380	266	405551	89.744	ng	98
71) Phenanthrene	11.610	178	1366090	43.545	ng	99
72) Anthracene	11.657	178	1370981	44.045	ng	99
73) Carbazole	11.810	167	1230204	43.265	ng	99
74) Di-n-butylphthalate	12.128	149	1520356	48.180	ng	100
75) Fluoranthene	12.798	202	1397760	43.895	ng	98
77) Benzidine	12.916	184	105010	21.586	ng	99
78) Pyrene	13.033	202	1400676	43.022	ng	100
80) Butylbenzylphthalate	13.633	149	530518	54.024	ng	98
81) Benzo(a)anthracene	14.221	228	1088444	46.219	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	214663	32.892	ng	99
83) Chrysene	14.257	228	1010438	44.864	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	671126	54.367	ng	99
85) Di-n-octyl phthalate	14.816	149	937702	56.228	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	923818	47.487	ng	99
88) Benzo(b)fluoranthene	15.321	252	850651	48.519	ng	99
89) Benzo(k)fluoranthene	15.357	252	812433	47.169	ng	100
90) Benzo(a)pyrene	15.727	252	746658	49.874	ng	98
91) Dibenzo(a,h)anthracene	17.445	278	759669	47.263	ng	99
92) Benzo(g,h,i)perylene	17.927	276	717096	42.469	ng	100

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

