

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137950.D
 Acq On : 20 May 2024 09:56
 Operator : CG\JU
 Sample : PB160983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB160983BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 20 11:29:23 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	7.039	152	134906	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	508614	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	258039	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	382365	20.000	ng	0.00
76) Chrysene-d12	14.227	240	226737	20.000	ng	0.00
86) Perylene-d12	15.786	264	261502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	978657	123.226	ng	0.01
7) Phenol-d6	6.663	99	1163904	118.969	ng	0.00
23) Nitrobenzene-d5	7.604	82	717087	82.972	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	326906	125.646	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1488854	88.878	ng	0.00
79) Terphenyl-d14	13.163	244	1248485	81.152	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	129090	37.520	ng	99
3) Pyridine	3.781	79	308443	39.955	ng	99
4) n-Nitrosodimethylamine	3.740	42	152305	44.722	ng	94
6) Aniline	6.704	93	284012m	32.457	ng	
8) 2-Chlorophenol	6.828	128	386731	44.996	ng	99
9) Benzaldehyde	6.598	77	322452	60.920	ng	99
10) Phenol	6.675	94	427528	43.295	ng	97
11) bis(2-Chloroethyl)ether	6.775	93	343449	45.298	ng	97
12) 1,3-Dichlorobenzene	6.986	146	422736	42.511	ng	99
13) 1,4-Dichlorobenzene	7.063	146	426221	42.701	ng	99
14) 1,2-Dichlorobenzene	7.210	146	413823	44.050	ng	99
15) Benzyl Alcohol	7.175	79	303826	46.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.304	45	431750	46.325	ng	98
17) 2-Methylphenol	7.281	107	296060	43.193	ng	99
18) Hexachloroethane	7.557	117	147296	43.608	ng	95
19) n-Nitroso-di-n-propyla...	7.445	70	243868	44.368	ng	99
20) 3+4-Methylphenols	7.434	107	378270	42.126	ng	95
22) Acetophenone	7.451	105	515546	45.248	ng	99
24) Nitrobenzene	7.622	77	371057	42.322	ng	96
25) Isophorone	7.857	82	668651	44.578	ng	99
26) 2-Nitrophenol	7.939	139	203885	46.281	ng	99
27) 2,4-Dimethylphenol	7.963	122	272085	47.971	ng	97
28) bis(2-Chloroethoxy)met...	8.063	93	405526	44.608	ng	100
29) 2,4-Dichlorophenol	8.175	162	314064	44.034	ng	99
30) 1,2,4-Trichlorobenzene	8.263	180	347068	43.583	ng	98
31) Naphthalene	8.351	128	1115633	43.625	ng	99
32) Benzoic acid	8.075	122	209619	43.720	ng	95
33) 4-Chloroaniline	8.386	127	131579	15.695	ng	97
34) Hexachlorobutadiene	8.457	225	215732	42.800	ng	98
35) Caprolactam	8.757	113	85571m	41.412	ng	
36) 4-Chloro-3-methylphenol	8.863	107	304677	41.993	ng	100
37) 2-Methylnaphthalene	9.039	142	717041	43.620	ng	98
38) 1-Methylnaphthalene	9.139	142	658049	40.719	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	340784	48.578	ng	99
41) Hexachlorocyclopentadiene	9.192	237	371835	139.496	ng	99
43) 2,4,6-Trichlorophenol	9.310	196	217979	47.391	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137950.D
 Acq On : 20 May 2024 09:56
 Operator : CG\JU
 Sample : PB160983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160983BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
 Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 20 11:29:23 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	229946	45.690	ng	98
46) 1,1'-Biphenyl	9.504	154	861267	47.588	ng	99
47) 2-Chloronaphthalene	9.533	162	668720	46.286	ng	100
48) 2-Nitroaniline	9.622	65	164384	44.433	ng	96
49) Acenaphthylene	9.951	152	1009108	48.577	ng	99
50) Dimethylphthalate	9.798	163	724364	44.766	ng	99
51) 2,6-Dinitrotoluene	9.863	165	160731	43.280	ng	92
52) Acenaphthene	10.122	154	668972	48.723	ng	99
53) 3-Nitroaniline	10.033	138	100764	27.754	ng	95
54) 2,4-Dinitrophenol	10.139	184	157941	78.832	ng	# 80
55) Dibenzofuran	10.292	168	906045	45.343	ng	99
56) 4-Nitrophenol	10.180	139	233355	89.490	ng	99
57) 2,4-Dinitrotoluene	10.269	165	205605	42.825	ng	98
58) Fluorene	10.633	166	689025	43.595	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	175657	44.429	ng	99
60) Diethylphthalate	10.498	149	655595	43.382	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	348164	44.669	ng	99
62) 4-Nitroaniline	10.651	138	133459	38.756	ng	98
63) Azobenzene	10.786	77	618380	44.986	ng	99
65) 4,6-Dinitro-2-methylph...	10.674	198	109358	49.533	ng	95
66) n-Nitrosodiphenylamine	10.739	169	578338	49.321	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	207732	49.557	ng	98
68) Hexachlorobenzene	11.186	284	221398	47.781	ng	99
69) Atrazine	11.263	200	175715	54.877	ng	99
70) Pentachlorophenol	11.374	266	250976	92.468	ng	98
71) Phenanthrene	11.604	178	887021	47.075	ng	100
72) Anthracene	11.657	178	887397	47.466	ng	100
73) Carbazole	11.810	167	765156	44.803	ng	99
74) Di-n-butylphthalate	12.127	149	880893	46.478	ng	99
75) Fluoranthene	12.798	202	827913	43.288	ng	99
77) Benzidine	12.910	184	82868	27.966	ng	98
78) Pyrene	13.027	202	842961	42.506	ng	100
80) Butylbenzylphthalate	13.633	149	284152	47.504	ng	99
81) Benzo(a)anthracene	14.215	228	695547	48.488	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	152519	38.366	ng	98
83) Chrysene	14.257	228	654990	47.743	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	397299	52.837	ng	99
85) Di-n-octyl phthalate	14.815	149	657292	64.705	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	944202	56.200	ng	100
88) Benzo(b)fluoranthene	15.315	252	689223	45.520	ng	99
89) Benzo(k)fluoranthene	15.351	252	696517	46.826	ng	99
90) Benzo(a)pyrene	15.721	252	658415	50.925	ng	# 97
91) Dibenzo(a,h)anthracene	17.439	278	773233	55.704	ng	98
92) Benzo(g,h,i)perylene	17.915	276	763116	52.333	ng	99

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

