

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137997.D
 Acq On : 22 May 2024 10:45
 Operator : CG\JU
 Sample : PB161030BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161030BS

Manual Integrations
 APPROVED

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

Quant Time: May 22 11:10:21 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	158636	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	639717	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	367046	20.000	ng	0.00
64) Phenanthrene-d10	11.581	188	633899	20.000	ng	0.00
76) Chrysene-d12	14.227	240	389073	20.000	ng	0.00
86) Perylene-d12	15.786	264	297271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1128532	120.841	ng	0.00
7) Phenol-d6	6.657	99	1407908	122.383	ng	0.00
23) Nitrobenzene-d5	7.598	82	865743	79.644	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	508045	137.275	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1871216	78.530	ng	0.00
79) Terphenyl-d14	13.163	244	2180142	82.583	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.040	88	137273	33.930	ng	99
3) Pyridine	3.781	79	340572	37.517	ng	100
4) n-Nitrosodimethylamine	3.746	42	166437	41.561	ng	100
6) Aniline	6.698	93	337034m	32.755	ng	
8) 2-Chlorophenol	6.822	128	461288	45.642	ng	97
9) Benzaldehyde	6.593	77	369305	59.335	ng	97
10) Phenol	6.669	94	510213	43.939	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	401955	45.084	ng	97
12) 1,3-Dichlorobenzene	6.975	146	475540	40.667	ng	99
13) 1,4-Dichlorobenzene	7.051	146	484383	41.268	ng	99
14) 1,2-Dichlorobenzene	7.204	146	462498	41.867	ng	98
15) Benzyl Alcohol	7.175	79	369099	48.048	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.298	45	501557	45.765	ng	99
17) 2-Methylphenol	7.275	107	365454	45.342	ng	99
18) Hexachloroethane	7.545	117	167620	42.202	ng	97
19) n-Nitroso-di-n-propyla...	7.446	70	295759	45.760	ng	98
20) 3+4-Methylphenols	7.428	107	468003	44.323	ng	94
22) Acetophenone	7.446	105	611302	42.657	ng	99
24) Nitrobenzene	7.622	77	444377	40.298	ng	95
25) Isophorone	7.851	82	835101	44.265	ng	99
26) 2-Nitrophenol	7.934	139	252485	45.567	ng	98
27) 2,4-Dimethylphenol	7.957	122	337956	47.374	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	502163	43.918	ng	99
29) 2,4-Dichlorophenol	8.169	162	396647	44.215	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	413647	41.298	ng	99
31) Naphthalene	8.340	128	1332317	41.421	ng	100
32) Benzoic acid	8.087	122	303979	50.407	ng	96
33) 4-Chloroaniline	8.381	127	204462	19.391	ng	98
34) Hexachlorobutadiene	8.451	225	255741	40.339	ng	99
35) Caprolactam	8.763	113	127670m	49.123	ng	
36) 4-Chloro-3-methylphenol	8.863	107	415921	45.577	ng	99
37) 2-Methylnaphthalene	9.034	142	891410	43.114	ng	99
38) 1-Methylnaphthalene	9.134	142	821532	40.417	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	430589	43.151	ng	100
41) Hexachlorocyclopentadiene	9.187	237	463276	122.184	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	304033	46.469	ng	98

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44) 2,4,5-Trichlorophenol	9.351	196	317207	44.310	ng	98
46) 1,1'-Biphenyl	9.498	154	1104066	42.886	ng	99
47) 2-Chloronaphthalene	9.528	162	858579	41.779	ng	99
48) 2-Nitroaniline	9.622	65	240375	45.677	ng	98
49) Acenaphthylene	9.945	152	1366197	46.235	ng	99
50) Dimethylphthalate	9.798	163	1050887	45.658	ng	99
51) 2,6-Dinitrotoluene	9.863	165	235567	44.593	ng	96
52) Acenaphthene	10.122	154	930922	47.666	ng	99
53) 3-Nitroaniline	10.034	138	170266	32.969	ng	99
54) 2,4-Dinitrophenol	10.139	184	271476	93.807	ng #	86
55) Dibenzofuran	10.292	168	1243365	43.745	ng	100
56) 4-Nitrophenol	10.192	139	365111	98.434	ng	95
57) 2,4-Dinitrotoluene	10.269	165	320872	46.985	ng #	89
58) Fluorene	10.639	166	989616	44.019	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	272215	48.404	ng	98
60) Diethylphthalate	10.498	149	999046	46.476	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	493555	44.517	ng	99
62) 4-Nitroaniline	10.657	138	221677	45.256	ng	99
63) Azobenzene	10.786	77	897816	45.918	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	186791	51.033	ng	99
66) n-Nitrosodiphenylamine	10.745	169	859896	44.234	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	311835	44.873	ng	98
68) Hexachlorobenzene	11.186	284	339693	44.221	ng	99
69) Atrazine	11.269	200	292936	55.184	ng	98
70) Pentachlorophenol	11.381	266	413643	91.927	ng	98
71) Phenanthrene	11.604	178	1389125	44.469	ng	99
72) Anthracene	11.657	178	1401745	45.227	ng	98
73) Carbazole	11.810	167	1251712	44.210	ng	99
74) Di-n-butylphthalate	12.128	149	1521297	48.417	ng	100
75) Fluoranthene	12.798	202	1428905	45.066	ng	99
77) Benzidine	12.910	184	105838	20.815	ng	98
78) Pyrene	13.027	202	1439748	42.308	ng	100
80) Butylbenzylphthalate	13.633	149	541409	52.746	ng	99
81) Benzo(a)anthracene	14.222	228	1148668	46.665	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	219479	32.174	ng	99
83) Chrysene	14.257	228	1041151	44.227	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	680224	52.719	ng	98
85) Di-n-octyl phthalate	14.816	149	927402	53.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.421	276	902659	47.263	ng	99
88) Benzo(b)fluoranthene	15.321	252	827288	48.064	ng	100
89) Benzo(k)fluoranthene	15.357	252	845813	50.021	ng	99
90) Benzo(a)pyrene	15.721	252	740921	50.411	ng	99
91) Dibenzo(a,h)anthracene	17.439	278	751188	47.605	ng	98
92) Benzo(g,h,i)perylene	17.921	276	721922	43.551	ng	98

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

