

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137885.D
 Acq On : 10 May 2024 17:21
 Operator : CG\JU
 Sample : P2432-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-02-011MSD

Quant Time: May 11 00:38:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	153165	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	599948	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	337400	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	548147	20.000	ng	0.00
76) Chrysene-d12	14.245	240	277190	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	320448	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	903635	98.779	ng	0.00
7) Phenol-d6	6.669	99	1127638	97.181	ng	0.00
23) Nitrobenzene-d5	7.610	82	661772	64.085	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	346188	100.492	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1441609	69.319	ng	-0.01
79) Terphenyl-d14	13.174	244	1190835	71.997	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	173788	42.187	ng	97
3) Pyridine	3.787	79	428241	42.953	ng	94
4) n-Nitrosodimethylamine	3.752	42	199259	44.383	ng	93
6) Aniline	6.710	93	384411m	33.425	ng	
8) 2-Chlorophenol	6.834	128	486356	48.784	ng	98
9) Benzaldehyde	6.598	77	145252	23.245	ng	95
10) Phenol	6.681	94	563468	47.391	ng	99
11) bis(2-Chloroethyl)ether	6.781	93	428516	46.029	ng	100
12) 1,3-Dichlorobenzene	6.993	146	518235	46.097	ng	98
13) 1,4-Dichlorobenzene	7.069	146	512982	45.475	ng	98
14) 1,2-Dichlorobenzene	7.222	146	491993	46.306	ng	100
15) Benzyl Alcohol	7.187	79	381298	47.518	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.310	45	548330	41.903	ng	98
17) 2-Methylphenol	7.287	107	374763	46.587	ng	98
18) Hexachloroethane	7.563	117	174577	45.778	ng	98
19) n-Nitroso-di-n-propyla...	7.457	70	304907	43.970	ng	96
20) 3+4-Methylphenols	7.440	107	486201	45.939	ng	96
22) Acetophenone	7.457	105	635235	47.079	ng	99
24) Nitrobenzene	7.634	77	465054	43.696	ng	93
25) Isophorone	7.869	82	846725	45.477	ng	98
26) 2-Nitrophenol	7.945	139	256190	53.156	ng	92
27) 2,4-Dimethylphenol	7.975	122	348659	50.250	ng	98
28) bis(2-Chloroethoxy)met...	8.075	93	508617	45.118	ng	99
29) 2,4-Dichlorophenol	8.187	162	404211	48.197	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	426188	46.615	ng	99
31) Naphthalene	8.357	128	1380093	46.289	ng	100
32) Benzoic acid	8.081	122	262989	43.935	ng	97
33) 4-Chloroaniline	8.398	127	109372	9.893	ng	97
34) Hexachlorobutadiene	8.469	225	255185	45.462	ng	99
35) Caprolactam	8.775	113	125095m	47.077	ng	
36) 4-Chloro-3-methylphenol	8.875	107	421645	48.211	ng	95
37) 2-Methylnaphthalene	9.051	142	913954	47.357	ng	99
38) 1-Methylnaphthalene	9.151	142	851119	44.826	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	435503	48.734	ng	99
41) Hexachlorocyclopentadiene	9.198	237	435069	119.864	ng	99
43) 2,4,6-Trichlorophenol	9.322	196	291272	47.883	ng	98

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44) 2,4,5-Trichlorophenol	9.363	196	312874	46.581	ng	98
46) 1,1'-Biphenyl	9.516	154	1133241	48.941	ng	99
47) 2-Chloronaphthalene	9.539	162	873872	46.745	ng	98
48) 2-Nitroaniline	9.634	65	236699	46.686	ng	97
49) Acenaphthylene	9.963	152	1393147	51.517	ng	99
50) Dimethylphthalate	9.810	163	1041921	48.917	ng	100
51) 2,6-Dinitrotoluene	9.875	165	234407	48.156	ng	95
52) Acenaphthene	10.133	154	885330	49.391	ng	99
53) 3-Nitroaniline	10.045	138	145019	28.449	ng	98
54) 2,4-Dinitrophenol	10.151	184	204044	85.311	ng	96
55) Dibenzofuran	10.304	168	1234586	47.329	ng	99
56) 4-Nitrophenol	10.198	139	289687	68.568	ng	98
57) 2,4-Dinitrotoluene	10.281	165	301227	47.368	ng	94
58) Fluorene	10.651	166	940287	45.293	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	247948	45.469	ng	99
60) Diethylphthalate	10.510	149	972970	48.097	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	483395	47.257	ng	97
62) 4-Nitroaniline	10.663	138	183143	35.422	ng	94
63) Azobenzene	10.798	77	897043	45.881	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	151838	48.261	ng	90
66) n-Nitrosodiphenylamine	10.757	169	841118	51.262	ng	99
67) 4-Bromophenyl-phenylether	11.133	248	297069	50.639	ng	95
68) Hexachlorobenzene	11.198	284	317475	49.522	ng	94
69) Atrazine	11.280	200	271145	54.196	ng	99
70) Pentachlorophenol	11.392	266	334637	76.031	ng	98
71) Phenanthrene	11.616	178	1233785	46.179	ng	99
72) Anthracene	11.669	178	1270709	47.800	ng	100
73) Carbazole	11.822	167	1006873	39.300	ng	99
74) Di-n-butylphthalate	12.139	149	1360889	48.695	ng	100
75) Fluoranthene	12.810	202	1090394	37.335	ng	99
77) Benzidine	12.927	184	337301	52.615	ng	99
78) Pyrene	13.045	202	1071167	48.739	ng	99
80) Butylbenzylphthalate	13.645	149	380829	54.613	ng	98
81) Benzo(a)anthracene	14.233	228	846920	47.771	ng	99
82) 3,3'-Dichlorobenzidine	14.186	252	167828	31.621	ng	99
83) Chrysene	14.269	228	815298	49.114	ng	99
84) Bis(2-ethylhexyl)phtha...	14.198	149	510748	58.118	ng	100
85) Di-n-octyl phthalate	14.827	149	875579	74.031	ng	97
87) Indeno(1,2,3-cd)pyrene	17.445	276	710967	39.025	ng	99
88) Benzo(b)fluoranthene	15.339	252	938711	47.083	ng	99
89) Benzo(k)fluoranthene	15.374	252	865967	44.938	ng	97
90) Benzo(a)pyrene	15.745	252	821031	50.477	ng	100
91) Dibenzo(a,h)anthracene	17.462	278	571428	38.534	ng	99
92) Benzo(g,h,i)perylene	17.945	276	533703	34.331	ng	98

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

