

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137888.D
 Acq On : 10 May 2024 18:52
 Operator : CG\JU
 Sample : P2422-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP-DMSD

Manual Integrations
 APPROVED

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

Quant Time: May 11 00:41:25 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	164415	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	646182	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	356107	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	552994	20.000	ng	0.00
76) Chrysene-d12	14.245	240	293651	20.000	ng	# 0.00
86) Perylene-d12	15.810	264	307712	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1094322	111.438	ng	0.01
7) Phenol-d6	6.669	99	1284463	103.122	ng	0.00
23) Nitrobenzene-d5	7.616	82	911858	81.985	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	481595	132.454	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1909390	86.989	ng	-0.01
79) Terphenyl-d14	13.174	244	1695207	96.745	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.152	88	141618	32.025	ng	# 84
3) Pyridine	3.834	79	256125	23.932	ng	97
4) n-Nitrosodimethylamine	3.787	42	177918	36.918	ng	97
6) Aniline	6.710	93	206074	16.692	ng	98
8) 2-Chlorophenol	6.834	128	443556	41.447	ng	100
9) Benzaldehyde	6.604	77	106563	15.887	ng	99
10) Phenol	6.681	94	458096	35.893	ng	99
11) bis(2-Chloroethyl)ether	6.781	93	395726	39.598	ng	99
12) 1,3-Dichlorobenzene	6.992	146	448341	37.151	ng	98
13) 1,4-Dichlorobenzene	7.069	146	457099	37.748	ng	98
14) 1,2-Dichlorobenzene	7.222	146	445928	39.099	ng	98
15) Benzyl Alcohol	7.187	79	358558	41.626	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.310	45	510029	36.309	ng	98
17) 2-Methylphenol	7.292	107	361236	41.833	ng	99
18) Hexachloroethane	7.563	117	151909	37.109	ng	99
19) n-Nitroso-di-n-propyla...	7.457	70	298779	40.138	ng	96
20) 3+4-Methylphenols	7.439	107	458730	40.378	ng	96
22) Acetophenone	7.457	105	617787	42.510	ng	98
24) Nitrobenzene	7.634	77	453831	39.590	ng	96
25) Isophorone	7.869	82	846094	42.192	ng	98
26) 2-Nitrophenol	7.945	139	245714	47.335	ng	91
27) 2,4-Dimethylphenol	7.975	122	336066	44.969	ng	98
28) bis(2-Chloroethoxy)met...	8.075	93	501744	41.324	ng	99
29) 2,4-Dichlorophenol	8.186	162	396450	43.889	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	401544	40.777	ng	99
31) Naphthalene	8.357	128	1319030	41.075	ng	100
32) Benzoic acid	8.081	122	257557	39.949	ng	99
33) 4-Chloroaniline	8.398	127	47492	3.988	ng	99
34) Hexachlorobutadiene	8.469	225	238934	39.521	ng	98
35) Caprolactam	8.769	113	113861m	39.783	ng	
36) 4-Chloro-3-methylphenol	8.875	107	424799	45.096	ng	96
37) 2-Methylnaphthalene	9.051	142	891547	42.890	ng	100
38) 1-Methylnaphthalene	9.151	142	831841	40.676	ng	100
40) 1,2,4,5-Tetrachloroben...	9.216	216	419428	44.470	ng	99
41) Hexachlorocyclopentadiene	9.198	237	414187	108.117	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	293404	45.700	ng	100

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44) 2,4,5-Trichlorophenol	9.363	196	323587	45.645	ng	97
46) 1,1'-Biphenyl	9.516	154	1111934	45.498	ng	98
47) 2-Chloronaphthalene	9.539	162	859423	43.558	ng	98
48) 2-Nitroaniline	9.633	65	246080	45.986	ng	97
49) Acenaphthylene	9.963	152	1386333	48.572	ng	100
50) Dimethylphthalate	9.810	163	1099929	48.928	ng	100
51) 2,6-Dinitrotoluene	9.875	165	243268	47.351	ng	97
52) Acenaphthene	10.133	154	905688	47.872	ng	99
53) 3-Nitroaniline	10.045	138	109829	20.414	ng	96
54) 2,4-Dinitrophenol	10.151	184	218822	86.684	ng	94
55) Dibenzofuran	10.304	168	1255721	45.611	ng	99
56) 4-Nitrophenol	10.198	139	264536	59.326	ng	96
57) 2,4-Dinitrotoluene	10.280	165	318963	47.522	ng	94
58) Fluorene	10.651	166	972800	44.398	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	261489	45.434	ng	99
60) Diethylphthalate	10.510	149	1020980	47.819	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	487315	45.138	ng	97
62) 4-Nitroaniline	10.663	138	187759	34.407	ng	96
63) Azobenzene	10.798	77	909195	44.059	ng	96
65) 4,6-Dinitro-2-methylph...	10.686	198	162894	51.321	ng	97
66) n-Nitrosodiphenylamine	10.757	169	856270	51.728	ng	98
67) 4-Bromophenyl-phenylether	11.127	248	316748	53.521	ng	95
68) Hexachlorobenzene	11.198	284	340628	52.668	ng	93
69) Atrazine	11.280	200	293220	58.095	ng	97
70) Pentachlorophenol	11.392	266	369758	83.275	ng	98
71) Phenanthrene	11.622	178	1299843	48.225	ng	99
72) Anthracene	11.669	178	1306609	48.720	ng	99
73) Carbazole	11.822	167	1063088	41.131	ng	99
74) Di-n-butylphthalate	12.139	149	1395040	49.479	ng	100
75) Fluoranthene	12.810	202	1122800	38.108	ng	99
77) Benzidine	12.927	184	61202	9.012	ng	99
78) Pyrene	13.039	202	1132746	48.651	ng	100
80) Butylbenzylphthalate	13.645	149	412432	55.830	ng	100
81) Benzo(a)anthracene	14.233	228	920182	48.994	ng	98
82) 3,3'-Dichlorobenzidine	14.192	252	195555	34.780	ng	# 98
83) Chrysene	14.268	228	883407	50.234	ng	99
84) Bis(2-ethylhexyl)phtha...	14.204	149	564200	60.601	ng	# 98
85) Di-n-octyl phthalate	14.827	149	879751	70.214	ng	98
87) Indeno(1,2,3-cd)pyrene	17.445	276	655405	37.464	ng	99
88) Benzo(b)fluoranthene	15.339	252	965426	50.427	ng	100
89) Benzo(k)fluoranthene	15.374	252	880418m	47.579	ng	
90) Benzo(a)pyrene	15.745	252	797850	51.082	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	527170	37.021	ng	100
92) Benzo(g,h,i)perylene	17.939	276	490550	32.861	ng	98

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

