

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137982.D
 Acq On : 21 May 2024 17:11
 Operator : CG\JU
 Sample : P2525-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-MH-AAMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/22/2024
 Supervised By :mohammad ahmed 05/24/2024

Quant Time: May 21 17:33:59 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	142987	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	570934	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	336790	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	586588	20.000	ng	0.00
76) Chrysene-d12	14.227	240	326310	20.000	ng	0.00
86) Perylene-d12	15.786	264	313830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	819234	97.323	ng	0.00
7) Phenol-d6	6.651	99	1018759	98.248	ng	0.00
23) Nitrobenzene-d5	7.598	82	629363	64.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	363629	107.080	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1397896	63.936	ng	0.00
79) Terphenyl-d14	13.163	244	1528703	69.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.981	88	132097	36.224	ng	97
3) Pyridine	3.740	79	324577	39.668	ng	100
4) n-Nitrosodimethylamine	3.705	42	153819	42.614	ng	99
6) Aniline	6.693	93	272021	29.330	ng	100
8) 2-Chlorophenol	6.816	128	414621	45.514	ng	99
9) Benzaldehyde	6.587	77	75984	13.544	ng	97
10) Phenol	6.663	94	472011	45.098	ng	98
11) bis(2-Chloroethyl)ether	6.763	93	361295	44.959	ng	100
12) 1,3-Dichlorobenzene	6.975	146	435085	41.280	ng	99
13) 1,4-Dichlorobenzene	7.051	146	444505	42.016	ng	99
14) 1,2-Dichlorobenzene	7.204	146	422992	42.482	ng	98
15) Benzyl Alcohol	7.169	79	333834	48.213	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.298	45	458627	46.428	ng	99
17) 2-Methylphenol	7.275	107	327743	45.114	ng	99
18) Hexachloroethane	7.545	117	151107	42.208	ng	98
19) n-Nitroso-di-n-propyla...	7.440	70	266886	45.812	ng	99
20) 3+4-Methylphenols	7.428	107	426560	44.819	ng	93
22) Acetophenone	7.440	105	563150	44.031	ng	98
24) Nitrobenzene	7.616	77	402549	40.902	ng	97
25) Isophorone	7.851	82	745024	44.248	ng	97
26) 2-Nitrophenol	7.934	139	224049	45.307	ng	95
27) 2,4-Dimethylphenol	7.957	122	307685	48.327	ng	97
28) bis(2-Chloroethoxy)met...	8.057	93	453533	44.443	ng	98
29) 2,4-Dichlorophenol	8.169	162	363103	45.352	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	373832	41.820	ng	98
31) Naphthalene	8.340	128	1206849	42.041	ng	99
32) Benzoic acid	8.069	122	224111	41.641	ng	98
33) 4-Chloroaniline	8.381	127	82392	8.755	ng	96
34) Hexachlorobutadiene	8.451	225	230701	40.774	ng	99
35) Caprolactam	8.763	113	119728m	51.617	ng	
36) 4-Chloro-3-methylphenol	8.863	107	381500	46.842	ng	99
37) 2-Methylnaphthalene	9.034	142	822001	44.547	ng	98
38) 1-Methylnaphthalene	9.134	142	752327	41.471	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	395090	43.151	ng	99
41) Hexachlorocyclopentadiene	9.187	237	386591	111.119	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	273142	45.498	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	289549	44.080	ng	97
46) 1,1'-Biphenyl	9.498	154	1001708	42.406	ng	99
47) 2-Chloronaphthalene	9.528	162	778860	41.304	ng	98
48) 2-Nitroaniline	9.622	65	219883	45.537	ng	97
49) Acenaphthylene	9.945	152	1254089	46.253	ng	99
50) Dimethylphthalate	9.798	163	959262	45.421	ng	100
51) 2,6-Dinitrotoluene	9.863	165	215573	44.474	ng	95
52) Acenaphthene	10.116	154	816010	45.535	ng	99
53) 3-Nitroaniline	10.034	138	134779	28.442	ng	95
54) 2,4-Dinitrophenol	10.139	184	184209	71.186	ng	# 79
55) Dibenzofuran	10.292	168	1149854	44.089	ng	99
56) 4-Nitrophenol	10.186	139	323620	95.086	ng	98
57) 2,4-Dinitrotoluene	10.269	165	290517	46.362	ng	95
58) Fluorene	10.633	166	909524	44.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	240826	46.669	ng	99
60) Diethylphthalate	10.498	149	935785	47.443	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	453423	44.571	ng	98
62) 4-Nitroaniline	10.657	138	220439	49.047	ng	97
63) Azobenzene	10.781	77	840367	46.840	ng	97
65) 4,6-Dinitro-2-methylph...	10.675	198	141066	41.649	ng	97
66) n-Nitrosodiphenylamine	10.739	169	805941	44.802	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	286111	44.492	ng	94
68) Hexachlorobenzene	11.181	284	305510	42.979	ng	# 91
69) Atrazine	11.269	200	284352	57.887	ng	98
70) Pentachlorophenol	11.375	266	332137	79.767	ng	99
71) Phenanthrene	11.604	178	1276758	44.168	ng	99
72) Anthracene	11.657	178	1301367	45.375	ng	99
73) Carbazole	11.810	167	1150006	43.894	ng	100
74) Di-n-butylphthalate	12.128	149	1492238	51.322	ng	100
75) Fluoranthene	12.798	202	1224783	41.744	ng	99
77) Benzidine	12.910	184	318889	74.777	ng	99
78) Pyrene	13.027	202	1219820	42.740	ng	99
80) Butylbenzylphthalate	13.633	149	520757	60.493	ng	98
81) Benzo(a)anthracene	14.216	228	948213	45.931	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	157392	27.510	ng	99
83) Chrysene	14.257	228	880833	44.613	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	731687	67.614	ng	100
85) Di-n-octyl phthalate	14.816	149	1036152	70.876	ng	100
87) Indeno(1,2,3-cd)pyrene	17.410	276	709433	35.185	ng	100
88) Benzo(b)fluoranthene	15.321	252	837742	46.103	ng	100
89) Benzo(k)fluoranthene	15.351	252	841632	47.147	ng	98
90) Benzo(a)pyrene	15.721	252	754754	48.643	ng	99
91) Dibenzo(a,h)anthracene	17.433	278	598802	35.945	ng	98
92) Benzo(g,h,i)perylene	17.909	276	500789	28.617	ng	99

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

