

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128854.D
 Acq On : 17 Jun 2022 15:09
 Operator : CG\JU
 Sample : N3371-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/20/2022
 Supervised By : Jagrut Upadhyay 06/20/2022

Quant Time: Jun 18 05:06:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95041	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	315076	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	172436	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	282863	20.000	ng	0.00
76) Chrysene-d12	13.963	240	193373	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	175934	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	661331	110.835	ng	0.01
7) Phenol-d6	6.445	99	849928	116.692	ng	0.00
23) Nitrobenzene-d5	7.351	82	602240	88.993	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	216461	106.243	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1020427	82.895	ng	0.00
79) Terphenyl-d14	12.898	244	853682	76.711	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	83590	37.736	ng	96
3) Pyridine	3.287	79	223031	37.902	ng	94
4) n-Nitrosodimethylamine	3.246	42	162065	39.715	ng	# 80
6) Aniline	6.445	93	266032	33.867	ng	# 59
8) 2-Chlorophenol	6.575	128	291858	47.803	ng	95
9) Benzaldehyde	6.334	77	161757	36.454	ng	95
10) Phenol	6.457	94	349856	45.441	ng	86
11) bis(2-Chloroethyl)ether	6.522	93	262115	46.460	ng	98
12) 1,3-Dichlorobenzene	6.722	146	315958	44.764	ng	98
13) 1,4-Dichlorobenzene	6.798	146	322572	45.251	ng	99
14) 1,2-Dichlorobenzene	6.951	146	308486	46.262	ng	99
15) Benzyl Alcohol	6.934	79	270458	44.381	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.057	45	406611	43.744	ng	# 1
17) 2-Methylphenol	7.057	107	235154	48.732	ng	# 85
18) Hexachloroethane	7.292	117	125029	47.143	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	219676	48.509	ng	98
20) 3+4-Methylphenols	7.210	107	306674	47.604	ng	# 83
22) Acetophenone	7.198	105	429617	52.134	ng	98
24) Nitrobenzene	7.369	77	329118	52.974	ng	95
25) Isophorone	7.610	82	507690	49.396	ng	97
26) 2-Nitrophenol	7.687	139	134590	49.168	ng	# 88
27) 2,4-Dimethylphenol	7.734	122	229739	55.096	ng	93
28) bis(2-Chloroethoxy)met...	7.816	93	297210	45.743	ng	99
29) 2,4-Dichlorophenol	7.939	162	219365	45.454	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	239100	44.000	ng	98
31) Naphthalene	8.092	128	744591	46.048	ng	99
32) Benzoic acid	7.892	122	91777	31.023	ng	94
33) 4-Chloroaniline	8.139	127	116265m	19.071	ng	
34) Hexachlorobutadiene	8.204	225	168510	43.725	ng	98
35) Caprolactam	8.528	113	62885m	47.121	ng	
36) 4-Chloro-3-methylphenol	8.651	107	243430	46.219	ng	100
37) 2-Methylnaphthalene	8.781	142	478047	46.480	ng	98
38) 1-Methylnaphthalene	8.881	142	455794	45.869	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	256413	47.880	ng	99
41) Hexachlorocyclopentadiene	8.934	237	164665	51.152	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	151877	41.937	ng	99

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44) 2,4,5-Trichlorophenol	9.122	196	161703	43.206	ng	94
46) 1,1'-Biphenyl	9.245	154	607460	46.951	ng	98
47) 2-Chloronaphthalene	9.275	162	466453	47.247	ng	99
48) 2-Nitroaniline	9.375	65	160615	47.576	ng	97
49) Acenaphthylene	9.686	152	747518	49.458	ng	99
50) Dimethylphthalate	9.551	163	562380	47.648	ng	100
51) 2,6-Dinitrotoluene	9.616	165	119969	51.499	ng	# 80
52) Acenaphthene	9.857	154	419625	42.634	ng	100
53) 3-Nitroaniline	9.786	138	83491	33.023	ng	96
54) 2,4-Dinitrophenol	9.904	184	94532	72.855	ng	94
55) Dibenzofuran	10.033	168	634289	44.841	ng	96
56) 4-Nitrophenol	9.986	139	112138	61.187	ng	# 78
57) 2,4-Dinitrotoluene	10.028	165	156013	50.183	ng	# 86
58) Fluorene	10.375	166	510793	46.563	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	107478m	34.768	ng	
60) Diethylphthalate	10.251	149	547910	46.188	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	260591	45.799	ng	92
62) 4-Nitroaniline	10.404	138	109338	42.712	ng	# 85
63) Azobenzene	10.528	77	515966	44.182	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	73137	43.813	ng	88
66) n-Nitrosodiphenylamine	10.486	169	451806	51.966	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	159737	50.639	ng	97
68) Hexachlorobenzene	10.922	284	176087	50.264	ng	97
69) Atrazine	11.016	200	146517	52.404	ng	97
70) Pentachlorophenol	11.127	266	87009	49.756	ng	97
71) Phenanthrene	11.339	178	719902	50.741	ng	99
72) Anthracene	11.392	178	688836	49.052	ng	99
73) Carbazole	11.551	167	554864	42.541	ng	99
74) Di-n-butylphthalate	11.874	149	718739	45.259	ng	99
75) Fluoranthene	12.527	202	739192	49.843	ng	97
77) Benzidine	12.651	184	241335	62.607	ng	98
78) Pyrene	12.757	202	722575	50.225	ng	98
80) Butylbenzylphthalate	13.374	149	248942	41.204	ng	97
81) Benzo(a)anthracene	13.951	228	641597	53.229	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	117452	45.546	ng	99
83) Chrysene	13.986	228	598662	52.096	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	342051	43.548	ng	100
85) Di-n-octyl phthalate	14.545	149	593077	50.133	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.874	276	459345	43.318	ng	# 91
88) Benzo(b)fluoranthene	14.998	252	617610	54.938	ng	# 97
89) Benzo(k)fluoranthene	15.027	252	546290m	51.657	ng	
90) Benzo(a)pyrene	15.362	252	542021m	61.344	ng	
91) Dibenzo(a,h)anthracene	16.880	278	391059	44.460	ng	# 95
92) Benzo(g,h,i)perylene	17.309	276	375891	43.120	ng	# 90

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

