

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132659.D
 Acq On : 06 Mar 2023 20:45
 Operator : CG\JU
 Sample : 01787-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

Quant Time: Mar 07 00:58:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

03/07/2023
 Supervised By :Jagrut
 Upadhyay

03/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	184935	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	668249	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	340772	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	577867	20.000	ng	0.00
76) Chrysene-d12	14.204	240	309826	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	411331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	673889	59.140	ng	0.00
7) Phenol-d6	6.628	99	855508	57.527	ng	0.00
23) Nitrobenzene-d5	7.563	82	532365	37.797	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	201324	54.705	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	911021	40.707	ng	-0.01
79) Terphenyl-d14	13.133	244	787595	42.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	260573	41.340	ng	96
3) Pyridine	3.687	79	644337	38.511	ng	93
4) n-Nitrosodimethylamine	3.652	42	259795	41.108	ng	90
6) Aniline	6.663	93	678124	33.884	ng	96
8) 2-Chlorophenol	6.787	128	560948	47.432	ng	96
9) Benzaldehyde	6.551	77	277507	34.582	ng	97
10) Phenol	6.640	94	763256	44.767	ng	93
11) bis(2-Chloroethyl)ether	6.734	93	589917	44.820	ng	93
12) 1,3-Dichlorobenzene	6.940	146	596087	46.968	ng	98
13) 1,4-Dichlorobenzene	7.016	146	584514	46.125	ng	100
14) 1,2-Dichlorobenzene	7.169	146	574590	47.245	ng	98
15) Benzyl Alcohol	7.140	79	501611	43.797	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.269	45	727770	43.360	ng	99
17) 2-Methylphenol	7.251	107	464086	42.047	ng	94
18) Hexachloroethane	7.516	117	231623	46.784	ng	94
19) n-Nitroso-di-n-propyla...	7.410	70	346009	37.805	ng	94
20) 3+4-Methylphenols	7.404	107	517042	36.259	ng	94
22) Acetophenone	7.410	105	698555	41.457	ng	# 87
24) Nitrobenzene	7.587	77	624724	41.472	ng	98
25) Isophorone	7.822	82	1117240	41.373	ng	99
26) 2-Nitrophenol	7.898	139	301852	45.416	ng	97
27) 2,4-Dimethylphenol	7.934	122	455713	43.443	ng	98
28) bis(2-Chloroethoxy)met...	8.028	93	681809	43.161	ng	100
29) 2,4-Dichlorophenol	8.145	162	456661	43.764	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	513676	45.335	ng	98
31) Naphthalene	8.310	128	1457290	42.598	ng	100
32) Benzoic acid	8.045	122	282560	35.287	ng	95
33) 4-Chloroaniline	8.351	127	287618	19.620	ng	95
34) Hexachlorobutadiene	8.422	225	319148	44.326	ng	100
35) Caprolactam	8.734	113	141735m	41.201	ng	
36) 4-Chloro-3-methylphenol	8.834	107	476517	41.583	ng	95
37) 2-Methylnaphthalene	8.998	142	967510	41.499	ng	100
38) 1-Methylnaphthalene	9.098	142	898261	41.228	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	502692	45.088	ng	99
41) Hexachlorocyclopentadiene	9.151	237	520216	86.025	ng	100
43) 2,4,6-Trichlorophenol	9.281	196	333822	44.181	ng	99

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44) 2,4,5-Trichlorophenol	9.322	196	352329	39.953	ng	98
46) 1,1'-Biphenyl	9.463	154	1168454	45.302	ng	99
47) 2-Chloronaphthalene	9.492	162	935285	45.736	ng	99
48) 2-Nitroaniline	9.586	65	295281	39.206	ng	94
49) Acenaphthylene	9.910	152	1409830	43.319	ng	100
50) Dimethylphthalate	9.763	163	1046674	42.183	ng	100
51) 2,6-Dinitrotoluene	9.828	165	240266	42.519	ng	98
52) Acenaphthene	10.086	154	946285m	45.789	ng	
53) 3-Nitroaniline	9.998	138	159510	25.234	ng	97
54) 2,4-Dinitrophenol	10.110	184	232583	65.654	ng	97
55) Dibenzofuran	10.257	168	1274960	42.318	ng	100
56) 4-Nitrophenol	10.163	139	308154	65.369	ng	92
57) 2,4-Dinitrotoluene	10.239	165	315656	41.989	ng	# 85
58) Fluorene	10.598	166	954629	41.425	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	284330	43.404	ng	97
60) Diethylphthalate	10.463	149	989504	40.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.586	204	503603	42.125	ng	98
62) 4-Nitroaniline	10.616	138	213566	34.419	ng	94
63) Azobenzene	10.751	77	1083348	42.212	ng	98
65) 4,6-Dinitro-2-methylph...	10.645	198	165064	42.196	ng	98
66) n-Nitrosodiphenylamine	10.710	169	829833	46.062	ng	100
67) 4-Bromophenyl-phenylether	11.080	248	310273	47.467	ng	99
68) Hexachlorobenzene	11.151	284	344629	50.106	ng	96
69) Atrazine	11.233	200	264105	46.959	ng	98
70) Pentachlorophenol	11.345	266	302855	74.008	ng	99
71) Phenanthrene	11.569	178	1336621	44.649	ng	99
72) Anthracene	11.622	178	1359493	44.100	ng	100
73) Carbazole	11.775	167	1115354	40.129	ng	99
74) Di-n-butylphthalate	12.092	149	1361684	41.766	ng	100
75) Fluoranthene	12.769	202	1237675	37.819	ng	99
77) Benzidine	12.886	184	393339	52.153	ng	99
78) Pyrene	12.998	202	1244012	44.163	ng	99
80) Butylbenzylphthalate	13.604	149	452603	40.717	ng	98
81) Benzo(a)anthracene	14.192	228	1042593	44.974	ng	99
82) 3,3'-Dichlorobenzidine	14.151	252	253373	37.073	ng	100
83) Chrysene	14.233	228	979042	45.163	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	598031	43.795	ng	99
85) Di-n-octyl phthalate	14.792	149	1127207	56.489	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1390585	51.594	ng	100
88) Benzo(b)fluoranthene	15.298	252	1200467	43.550	ng	99
89) Benzo(k)fluoranthene	15.327	252	1144440	42.421	ng	99
90) Benzo(a)pyrene	15.692	252	1093899	42.401	ng	98
91) Dibenzo(a,h)anthracene	17.386	278	1132260	51.561	ng	98
92) Benzo(g,h,i)perylene	17.856	276	1170663	47.200	ng	98

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

