

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133138.D
 Acq On : 29 Apr 2023 00:01
 Operator : CG\JU
 Sample : 02522-12MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 03:09:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	190366	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	772909	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	393106	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	700777	20.000	ng	0.00
76) Chrysene-d12	13.892	240	454277	20.000	ng	0.00
86) Perylene-d12	15.304	264	386766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	882505	70.029	ng	0.00
7) Phenol-d6	6.375	99	698466	44.654	ng	0.00
23) Nitrobenzene-d5	7.304	82	1309082	91.421	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	515410	130.370	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2075150	88.315	ng	0.00
79) Terphenyl-d14	12.839	244	2407687	91.408	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.446	88	134529	23.015	ng	97
3) Pyridine	3.140	79	308858	19.894	ng	97
4) n-Nitrosodimethylamine	3.087	42	189110	23.517	ng	98
6) Aniline	6.398	93	682962	33.901	ng	96
8) 2-Chlorophenol	6.522	128	561084	43.852	ng	93
10) Phenol	6.387	94	311661	18.061	ng	# 69
11) bis(2-Chloroethyl)ether	6.469	93	636292	49.139	ng	99
12) 1,3-Dichlorobenzene	6.675	146	559749	41.147	ng	99
13) 1,4-Dichlorobenzene	6.751	146	563693	41.346	ng	100
14) 1,2-Dichlorobenzene	6.904	146	561929	44.706	ng	96
15) Benzyl Alcohol	6.881	79	371485	34.382	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1005838	44.723	ng	96
17) 2-Methylphenol	6.998	107	376934	32.172	ng	97
18) Hexachloroethane	7.245	117	194646	41.065	ng	90
19) n-Nitroso-di-n-propyla...	7.157	70	452971	46.517	ng	99
20) 3+4-Methylphenols	7.151	107	428931	31.087	ng	# 86
22) Acetophenone	7.146	105	889390	49.675	ng	# 96
24) Nitrobenzene	7.322	77	684252	47.157	ng	97
25) Isophorone	7.563	82	1283612	47.214	ng	99
26) 2-Nitrophenol	7.640	139	356460	50.933	ng	95
27) 2,4-Dimethylphenol	7.681	122	534127	44.508	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	757567	47.102	ng	99
29) 2,4-Dichlorophenol	7.881	162	508634	46.558	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	521232	46.053	ng	100
31) Naphthalene	8.045	128	1752991	45.364	ng	99
32) Benzoic acid	7.775	122	133685	18.034	ng	98
33) 4-Chloroaniline	8.092	127	553014	35.419	ng	99
34) Hexachlorobutadiene	8.163	225	266618	42.503	ng	99
35) Caprolactam	8.457	113	33638m	9.166	ng	
36) 4-Chloro-3-methylphenol	8.575	107	514265	43.652	ng	96
37) 2-Methylnaphthalene	8.734	142	1189111	45.009	ng	98
38) 1-Methylnaphthalene	8.834	142	1121543	45.379	ng	99
40) 1,2,4,5-Tetrachloroben...	8.904	216	477200	45.149	ng	98
41) Hexachlorocyclopentadiene	8.892	237	572043	92.801	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	351136	48.038	ng	99
44) 2,4,5-Trichlorophenol	9.051	196	375876	44.463	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.198	154	1453802	46.639	ng	100
47) 2-Chloronaphthalene	9.222	162	1102901	48.340	ng	98
48) 2-Nitroaniline	9.316	65	381932	50.651	ng	95
49) Acenaphthylene	9.634	152	1732781	47.531	ng	100
50) Dimethylphthalate	9.504	163	1293139	47.177	ng	100
51) 2,6-Dinitrotoluene	9.563	165	314161	50.923	ng	87
52) Acenaphthene	9.810	154	1273375m	52.153	ng	
53) 3-Nitroaniline	9.728	138	300550	40.972	ng	97
54) 2,4-Dinitrophenol	9.834	184	347512	112.063	ng	95
55) Dibenzofuran	9.981	168	1554345	46.668	ng	97
56) 4-Nitrophenol	9.892	139	223015	39.253	ng	98
57) 2,4-Dinitrotoluene	9.963	165	411071	52.248	ng	97
58) Fluorene	10.322	166	1139157	46.684	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	313872	47.891	ng	99
60) Diethylphthalate	10.198	149	1248182	48.209	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	543560	45.711	ng	99
62) 4-Nitroaniline	10.345	138	350701	52.017	ng	98
63) Azobenzene	10.475	77	1338870	48.815	ng	99
65) 4,6-Dinitro-2-methylph...	10.375	198	243154	57.246	ng	98
66) n-Nitrosodiphenylamine	10.434	169	1000809	44.028	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	355794	46.813	ng	98
68) Hexachlorobenzene	10.869	284	388066	49.829	ng	99
69) Atrazine	10.963	200	368028	56.188	ng	99
70) Pentachlorophenol	11.063	266	460535	83.031	ng	99
71) Phenanthrene	11.281	178	1769547	46.982	ng	99
72) Anthracene	11.333	178	1832563	47.543	ng	100
73) Carbazole	11.486	167	1694938	49.383	ng	99
74) Di-n-butylphthalate	11.822	149	1947095	50.130	ng	100
75) Fluoranthene	12.469	202	1865762	49.358	ng	96
77) Benzidine	12.586	184	215605	28.066	ng	# 93
78) Pyrene	12.692	202	1895091	48.664	ng	99
80) Butylbenzylphthalate	13.316	149	822771	59.671	ng	97
81) Benzo(a)anthracene	13.880	228	1467363	46.972	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	434339	50.330	ng	99
83) Chrysene	13.916	228	1461536	46.797	ng	100
84) Bis(2-ethylhexyl)phtha...	13.880	149	901124	52.067	ng	100
85) Di-n-octyl phthalate	14.492	149	1585790	56.194	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1408054	64.002	ng	99
88) Benzo(b)fluoranthene	14.904	252	1258228	51.136	ng	99
89) Benzo(k)fluoranthene	14.933	252	1224125	50.187	ng	97
90) Benzo(a)pyrene	15.251	252	1066856	47.636	ng	99
91) Dibenzo(a,h)anthracene	16.710	278	1161218	63.285	ng	99
92) Benzo(g,h,i)perylene	17.110	276	1176509	64.946	ng	99

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

