

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133414.D
 Acq On : 17 May 2023 15:39
 Operator : CG\JU
 Sample : 02774-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-N-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2023
 Supervised By : Jagrut Upadhyay 05/18/2023

Quant Time: May 17 17:12:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.716	152	248846	20.000	ng	0.00
21) Naphthalene-d8	7.998	136	1038096	20.000	ng	-0.01
39) Acenaphthene-d10	9.757	164	557626	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1004540	20.000	ng	0.00
76) Chrysene-d12	13.880	240	460502	20.000	ng	0.00
86) Perylene-d12	15.298	264	505271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1927569	117.012	ng	0.02
7) Phenol-d6	6.369	99	2228429	108.987	ng	0.00
23) Nitrobenzene-d5	7.286	82	1580427	82.176	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	695644	124.045	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	2690580	80.723	ng	0.00
79) Terphenyl-d14	12.827	244	3053681	114.366	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.546	88	290793	38.058	ng	# 79
3) Pyridine	3.228	79	670755	33.052	ng	96
4) n-Nitrosodimethylamine	3.151	42	389134	37.019	ng	91
6) Aniline	6.381	93	567377	21.545	ng	# 1
8) 2-Chlorophenol	6.504	128	803088	48.015	ng	97
9) Benzaldehyde	6.263	77	321709	31.491	ng	99
10) Phenol	6.381	94	851483	37.749	ng	78
11) bis(2-Chloroethyl)ether	6.457	93	771344	45.570	ng	97
12) 1,3-Dichlorobenzene	6.657	146	804824	45.259	ng	98
13) 1,4-Dichlorobenzene	6.734	146	815318	45.748	ng	98
14) 1,2-Dichlorobenzene	6.886	146	777554	47.323	ng	99
15) Benzyl Alcohol	6.869	79	677440	47.964	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1155337	39.298	ng	77
17) 2-Methylphenol	6.987	107	643286	42.003	ng	95
18) Hexachloroethane	7.228	117	280724	45.307	ng	98
19) n-Nitroso-di-n-propyla...	7.139	70	525522	41.285	ng	96
20) 3+4-Methylphenols	7.145	107	783865	43.460	ng	# 62
22) Acetophenone	7.134	105	1104618	45.936	ng	92
24) Nitrobenzene	7.304	77	822161	42.187	ng	98
25) Isophorone	7.545	82	1587387	43.472	ng	99
26) 2-Nitrophenol	7.622	139	457146	48.633	ng	92
27) 2,4-Dimethylphenol	7.669	122	732826	45.466	ng	98
28) bis(2-Chloroethoxy)met...	7.757	93	958627	44.377	ng	99
29) 2,4-Dichlorophenol	7.869	162	688574	46.927	ng	98
30) 1,2,4-Trichlorobenzene	7.945	180	689032	45.327	ng	99
31) Naphthalene	8.022	128	2217792	42.731	ng	99
32) Benzoic acid	7.810	122	303843	30.518	ng	95
33) 4-Chloroaniline	8.075	127	264263	12.602	ng	99
34) Hexachlorobutadiene	8.139	225	374288	44.425	ng	98
35) Caprolactam	8.457	113	224506m	45.546	ng	
36) 4-Chloro-3-methylphenol	8.575	107	749326	47.356	ng	97
37) 2-Methylnaphthalene	8.716	142	1510935	42.581	ng	99
38) 1-Methylnaphthalene	8.816	142	1415488	42.642	ng	99
40) 1,2,4,5-Tetrachloroben...	8.886	216	636785	42.472	ng	99
41) Hexachlorocyclopentadiene	8.869	237	666130	76.182	ng	99
43) 2,4,6-Trichlorophenol	8.998	196	470332	45.361	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	503121	41.956	ng	98
46) 1,1'-Biphenyl	9.180	154	1881237	42.545	ng	99
47) 2-Chloronaphthalene	9.204	162	1431370	44.227	ng	99
48) 2-Nitroaniline	9.304	65	473244	44.244	ng	97
49) Acenaphthylene	9.622	152	2180071	42.157	ng	99
50) Dimethylphthalate	9.486	163	1817339	46.740	ng	99
51) 2,6-Dinitrotoluene	9.551	165	408395	46.666	ng	# 86
52) Acenaphthene	9.792	154	1528225m	44.124	ng	
53) 3-Nitroaniline	9.716	138	325227	31.255	ng	98
54) 2,4-Dinitrophenol	9.827	184	251859	57.255	ng	96
55) Dibenzofuran	9.963	168	1953590	41.350	ng	98
56) 4-Nitrophenol	9.898	139	601458	74.629	ng	94
57) 2,4-Dinitrotoluene	9.957	165	501759	44.959	ng	95
58) Fluorene	10.304	166	1489602	43.035	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	419226	45.094	ng	97
60) Diethylphthalate	10.186	149	1676904	45.659	ng	98
61) 4-Chlorophenyl-phenyle...	10.298	204	725973	43.039	ng	98
62) 4-Nitroaniline	10.339	138	456606	47.744	ng	96
63) Azobenzene	10.457	77	1709434	43.938	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	238500	39.171	ng	97
66) n-Nitrosodiphenylamine	10.422	169	1401720	43.018	ng	99
67) 4-Bromophenyl-phenylether	10.786	248	477145	43.796	ng	98
68) Hexachlorobenzene	10.857	284	527227	47.227	ng	98
69) Atrazine	10.951	200	501012	53.361	ng	99
70) Pentachlorophenol	11.057	266	494704	62.221	ng	97
71) Phenanthrene	11.269	178	2288210	42.381	ng	100
72) Anthracene	11.316	178	2364711	42.797	ng	99
73) Carbazole	11.474	167	2118372	43.057	ng	98
74) Di-n-butylphthalate	11.804	149	2636241	47.349	ng	99
75) Fluoranthene	12.451	202	2252056	41.562	ng	99
77) Benzidine	12.574	184	470560	60.426	ng	# 93
78) Pyrene	12.680	202	2257799	57.195	ng	98
80) Butylbenzylphthalate	13.298	149	951279	68.059	ng	95
81) Benzo(a)anthracene	13.868	228	1369440	43.245	ng	100
82) 3,3'-Dichlorobenzidine	13.827	252	308969	35.318	ng	# 96
83) Chrysene	13.904	228	1378847	43.552	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	1075238	61.288	ng	99
85) Di-n-octyl phthalate	14.474	149	1623573	56.755	ng	96
87) Indeno(1,2,3-cd)pyrene	16.686	276	1678761	58.410	ng	99
88) Benzo(b)fluoranthene	14.892	252	1323670	41.178	ng	99
89) Benzo(k)fluoranthene	14.921	252	1339954	42.051	ng	99
90) Benzo(a)pyrene	15.239	252	1233777	42.168	ng	100
91) Dibenzo(a,h)anthracene	16.698	278	1398285	58.332	ng	99
92) Benzo(g,h,i)perylene	17.103	276	1375710	58.131	ng	97

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

