

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133235.D
 Acq On : 04 May 2023 17:31
 Operator : CG\JU
 Sample : 02604-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TF-1MS

Manual Integrations
 APPROVED

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

Quant Time: May 04 18:13:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 04 12:22:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	201664	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	828206	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	430546	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	763430	20.000	ng	0.00
76) Chrysene-d12	13.880	240	342932	20.000	ng	0.00
86) Perylene-d12	15.298	264	409673	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1269427	95.089	ng	0.01
7) Phenol-d6	6.375	99	1587927	95.832	ng	0.00
23) Nitrobenzene-d5	7.292	82	970774	63.268	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	409136	94.489	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1706060	66.293	ng	0.00
79) Terphenyl-d14	12.833	244	1796131	90.331	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	270769	43.728	ng	98
3) Pyridine	3.157	79	688586	41.869	ng	97
4) n-Nitrosodimethylamine	3.122	42	386568	45.379	ng	99
6) Aniline	6.392	93	771130	36.133	ng	# 84
8) 2-Chlorophenol	6.516	128	663831	48.975	ng	93
9) Benzaldehyde	6.269	77	369081	54.586	ng	99
10) Phenol	6.386	94	797991	43.655	ng	76
11) bis(2-Chloroethyl)ether	6.463	93	623873	45.481	ng	99
12) 1,3-Dichlorobenzene	6.669	146	686900	47.665	ng	99
13) 1,4-Dichlorobenzene	6.745	146	696557	48.229	ng	98
14) 1,2-Dichlorobenzene	6.898	146	671865	50.458	ng	98
15) Benzyl Alcohol	6.875	79	558848	48.825	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1025021	43.023	ng	97
17) 2-Methylphenol	6.992	107	548644	44.204	ng	99
18) Hexachloroethane	7.239	117	243515	48.496	ng	94
19) n-Nitroso-di-n-propyla...	7.151	70	423844	41.087	ng	97
20) 3+4-Methylphenols	7.145	107	637868	43.640	ng	93
22) Acetophenone	7.139	105	869495	45.321	ng	# 97
24) Nitrobenzene	7.316	77	680867	43.791	ng	99
25) Isophorone	7.551	82	1274274	43.741	ng	97
26) 2-Nitrophenol	7.627	139	369839	49.316	ng	99
27) 2,4-Dimethylphenol	7.675	122	597983	46.502	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	757138	43.932	ng	98
29) 2,4-Dichlorophenol	7.875	162	546151	46.654	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	561184	46.273	ng	99
31) Naphthalene	8.033	128	1823084	44.028	ng	99
32) Benzoic acid	7.810	122	404913m	50.977	ng	
33) 4-Chloroaniline	8.080	127	268686	16.060	ng	98
34) Hexachlorobutadiene	8.157	225	303778	45.193	ng	99
35) Caprolactam	8.469	113	199588m	50.752	ng	
36) 4-Chloro-3-methylphenol	8.574	107	602874	47.757	ng	98
37) 2-Methylnaphthalene	8.727	142	1220008	43.095	ng	99
38) 1-Methylnaphthalene	8.827	142	1145604	43.258	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	496909	42.925	ng	99
41) Hexachlorocyclopentadiene	8.880	237	593397	87.894	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	373443	46.647	ng	99

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44) 2,4,5-Trichlorophenol	9.051	196	392361	42.377	ng	94
46) 1,1'-Biphenyl	9.192	154	1492020	43.703	ng	99
47) 2-Chloronaphthalene	9.216	162	1137691	45.529	ng	99
48) 2-Nitroaniline	9.310	65	370219	44.828	ng	95
49) Acenaphthylene	9.627	152	1769957	44.329	ng	99
50) Dimethylphthalate	9.498	163	1339252	44.610	ng	99
51) 2,6-Dinitrotoluene	9.557	165	315275	46.659	ng	87
52) Acenaphthene	9.798	154	1306670m	48.863	ng	
53) 3-Nitroaniline	9.721	138	237717	29.588	ng	97
54) 2,4-Dinitrophenol	9.833	184	339887	100.073	ng	95
55) Dibenzofuran	9.974	168	1565246	42.909	ng	98
56) 4-Nitrophenol	9.892	139	570152	91.626	ng	91
57) 2,4-Dinitrotoluene	9.957	165	416494	48.334	ng	96
58) Fluorene	10.316	166	1151373	43.082	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	324402	45.194	ng	99
60) Diethylphthalate	10.192	149	1263913	44.572	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	547500	42.038	ng	98
62) 4-Nitroaniline	10.339	138	362921	49.148	ng	98
63) Azobenzene	10.468	77	1331693	44.331	ng	98
65) 4,6-Dinitro-2-methylph...	10.368	198	239766	51.815	ng	90
66) n-Nitrosodiphenylamine	10.427	169	1087966	43.934	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	359040	43.363	ng	93
68) Hexachlorobenzene	10.863	284	387350	45.655	ng	96
69) Atrazine	10.957	200	374012	52.416	ng	99
70) Pentachlorophenol	11.057	266	448464	74.219	ng	97
71) Phenanthrene	11.274	178	1772034	43.187	ng	99
72) Anthracene	11.327	178	1816191	43.251	ng	100
73) Carbazole	11.480	167	1645060	43.996	ng	99
74) Di-n-butylphthalate	11.815	149	1974661	46.667	ng	99
75) Fluoranthene	12.457	202	1718484	41.731	ng	99
77) Benzidine	12.580	184	759468	130.962	ng	# 93
78) Pyrene	12.686	202	1702938	57.929	ng	98
80) Butylbenzylphthalate	13.309	149	679165	65.249	ng	99
81) Benzo(a)anthracene	13.868	228	1059580	44.931	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	214449	32.918	ng	99
83) Chrysene	13.904	228	1061359	45.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	735074	56.263	ng	99
85) Di-n-octyl phthalate	14.480	149	1171768	55.005	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1340145	57.509	ng	99
88) Benzo(b)fluoranthene	14.898	252	1178745	45.227	ng	99
89) Benzo(k)fluoranthene	14.921	252	1019916	39.477	ng	99
90) Benzo(a)pyrene	15.239	252	1018259	42.923	ng	100
91) Dibenzo(a,h)anthracene	16.692	278	1112910	57.261	ng	99
92) Benzo(g,h,i)perylene	17.097	276	1060804	55.284	ng	96

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

