

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133238.D
 Acq On : 04 May 2023 19:04
 Operator : CG\JU
 Sample : 02598-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MS

Manual Integrations
 APPROVED

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

Quant Time: May 05 05:30:50 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	204497	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	824339	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	434525	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	771975	20.000	ng	0.00
76) Chrysene-d12	13.880	240	365594	20.000	ng	0.00
86) Perylene-d12	15.292	264	409111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1525687	112.702	ng	0.02
7) Phenol-d6	6.375	99	1760240	104.759	ng	0.00
23) Nitrobenzene-d5	7.298	82	1240681	81.238	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	512291	117.230	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2012415	77.482	ng	0.00
79) Terphenyl-d14	12.833	244	2268672	107.023	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.593	88	257004	40.930	ng	# 82
3) Pyridine	3.263	79	522599	31.336	ng	97
4) n-Nitrosodimethylamine	3.193	42	356699	41.293	ng	99
6) Aniline	6.392	93	324494	14.994	ng	# 61
8) 2-Chlorophenol	6.516	128	626505	45.581	ng	94
9) Benzaldehyde	6.275	77	267584	32.053	ng	98
10) Phenol	6.386	94	668969	36.089	ng	94
11) bis(2-Chloroethyl)ether	6.463	93	623401	44.817	ng	99
12) 1,3-Dichlorobenzene	6.669	146	632001	43.248	ng	99
13) 1,4-Dichlorobenzene	6.745	146	639892	43.691	ng	98
14) 1,2-Dichlorobenzene	6.898	146	621819	46.053	ng	98
15) Benzyl Alcohol	6.875	79	530128	45.674	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	973928	40.312	ng	96
17) 2-Methylphenol	6.992	107	510428	40.556	ng	99
18) Hexachloroethane	7.239	117	224049	44.002	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	416990	39.863	ng	97
20) 3+4-Methylphenols	7.145	107	595402	40.170	ng	92
22) Acetophenone	7.139	105	851039	44.567	ng	# 96
24) Nitrobenzene	7.316	77	647288	41.826	ng	97
25) Isophorone	7.551	82	1221747	42.134	ng	97
26) 2-Nitrophenol	7.628	139	353690	47.384	ng	97
27) 2,4-Dimethylphenol	7.675	122	568998	44.455	ng	99
28) bis(2-Chloroethoxy)met...	7.769	93	737134	42.972	ng	99
29) 2,4-Dichlorophenol	7.875	162	517291	44.396	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	539074	44.658	ng	99
31) Naphthalene	8.033	128	1790603	43.446	ng	99
32) Benzoic acid	7.786	122	195102	24.678	ng	98
33) 4-Chloroaniline	8.080	127	88805	5.333	ng	98
34) Hexachlorobutadiene	8.151	225	289967	43.341	ng	98
35) Caprolactam	8.451	113	162812m	41.595	ng	
36) 4-Chloro-3-methylphenol	8.575	107	576030	45.844	ng	99
37) 2-Methylnaphthalene	8.727	142	1181758	41.940	ng	97
38) 1-Methylnaphthalene	8.822	142	1121152	42.533	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	490149	41.953	ng	99
41) Hexachlorocyclopentadiene	8.880	237	540483	79.323	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	357206	44.210	ng	98

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44) 2,4,5-Trichlorophenol	9.051	196	384911	41.192	ng	96
46) 1,1'-Biphenyl	9.192	154	1453872	42.195	ng	99
47) 2-Chloronaphthalene	9.216	162	1106418	43.872	ng	99
48) 2-Nitroaniline	9.310	65	359863	43.175	ng	96
49) Acenaphthylene	9.627	152	1710913	42.458	ng	99
50) Dimethylphthalate	9.498	163	1331354	43.941	ng	99
51) 2,6-Dinitrotoluene	9.551	165	315297	46.235	ng	98
52) Acenaphthene	9.798	154	1183837m	43.864	ng	
53) 3-Nitroaniline	9.716	138	171078	21.099	ng	98
54) 2,4-Dinitrophenol	9.827	184	179507	52.368	ng	96
55) Dibenzofuran	9.974	168	1567195	42.569	ng	100
56) 4-Nitrophenol	9.892	139	479121	76.291	ng	89
57) 2,4-Dinitrotoluene	9.957	165	403439	46.390	ng	97
58) Fluorene	10.316	166	1137745	42.182	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.092	232	318343	43.944	ng	99
60) Diethylphthalate	10.192	149	1248345	43.620	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	546179	41.553	ng	96
62) 4-Nitroaniline	10.339	138	341027	45.760	ng	97
63) Azobenzene	10.469	77	1244459	41.048	ng	95
65) 4,6-Dinitro-2-methylph...	10.363	198	164834	35.228	ng	74
66) n-Nitrosodiphenylamine	10.427	169	1066087	42.574	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	352907	42.151	ng	93
68) Hexachlorobenzene	10.863	284	380514	44.353	ng	99
69) Atrazine	10.957	200	366355	50.774	ng	99
70) Pentachlorophenol	11.057	266	413899	67.741	ng	98
71) Phenanthrene	11.274	178	1764575	42.529	ng	100
72) Anthracene	11.327	178	1817274	42.798	ng	98
73) Carbazole	11.480	167	1642556	43.443	ng	99
74) Di-n-butylphthalate	11.816	149	1950403	45.584	ng	99
75) Fluoranthene	12.457	202	1726892	41.471	ng	99
77) Benzidine	12.574	184	507853	82.145	ng	# 93
78) Pyrene	12.686	202	1740397	55.533	ng	99
80) Butylbenzylphthalate	13.310	149	722016	65.066	ng	99
81) Benzo(a)anthracene	13.868	228	1083666	43.104	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	155499	22.390	ng	98
83) Chrysene	13.904	228	1078342	42.903	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	778004	55.858	ng	99
85) Di-n-octyl phthalate	14.480	149	1195051	52.620	ng	98
87) Indeno(1,2,3-cd)pyrene	16.680	276	1301315	55.920	ng	98
88) Benzo(b)fluoranthene	14.892	252	1162570	44.668	ng	98
89) Benzo(k)fluoranthene	14.921	252	976701	37.856	ng	99
90) Benzo(a)pyrene	15.239	252	979261	41.336	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1082205	55.757	ng	98
92) Benzo(g,h,i)perylene	17.092	276	1030827	53.796	ng	97

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

