

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
 Data File : BF133239.D
 Acq On : 04 May 2023 19:35
 Operator : CG\JU
 Sample : 02598-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241MSD

Manual Integrations
 APPROVED

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

Quant Time: May 05 05:31:29 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	205352	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	837014	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	433408	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	773091	20.000	ng	0.00
76) Chrysene-d12	13.880	240	374596	20.000	ng	0.00
86) Perylene-d12	15.292	264	406336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1547456	113.834	ng	0.02
7) Phenol-d6	6.375	99	1774982	105.197	ng	0.00
23) Nitrobenzene-d5	7.298	82	1257305	81.080	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	504438	115.730	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	2042980	78.861	ng	0.00
79) Terphenyl-d14	12.833	244	2271330	104.574	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	256462	40.674	ng	99
3) Pyridine	3.263	79	530920	31.702	ng	97
4) n-Nitrosodimethylamine	3.193	42	359843	41.483	ng	97
6) Aniline	6.392	93	343288	15.797	ng	# 60
8) 2-Chlorophenol	6.516	128	636502	46.116	ng	94
9) Benzaldehyde	6.275	77	247532	28.437	ng	100
10) Phenol	6.387	94	675919	36.312	ng	91
11) bis(2-Chloroethyl)ether	6.469	93	630451	45.135	ng	95
12) 1,3-Dichlorobenzene	6.669	146	640177	43.625	ng	99
13) 1,4-Dichlorobenzene	6.745	146	658609	44.782	ng	99
14) 1,2-Dichlorobenzene	6.898	146	631601	46.582	ng	99
15) Benzyl Alcohol	6.875	79	538553	46.207	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	984230	40.569	ng	96
17) 2-Methylphenol	6.992	107	519609	41.113	ng	98
18) Hexachloroethane	7.239	117	224829	43.971	ng	100
19) n-Nitroso-di-n-propyla...	7.151	70	422581	40.229	ng	96
20) 3+4-Methylphenols	7.145	107	610631	41.026	ng	# 89
22) Acetophenone	7.139	105	865562	44.642	ng	# 96
24) Nitrobenzene	7.316	77	664263	42.273	ng	97
25) Isophorone	7.551	82	1247478	42.370	ng	98
26) 2-Nitrophenol	7.628	139	356694	47.063	ng	99
27) 2,4-Dimethylphenol	7.675	122	584322	44.961	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	741604	42.578	ng	99
29) 2,4-Dichlorophenol	7.875	162	528500	44.671	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	547234	44.648	ng	99
31) Naphthalene	8.033	128	1827974	43.681	ng	99
32) Benzoic acid	7.781	122	186297	23.207	ng	96
33) 4-Chloroaniline	8.081	127	98712	5.838	ng	98
34) Hexachlorobutadiene	8.151	225	293787	43.247	ng	99
35) Caprolactam	8.451	113	160185m	40.304	ng	
36) 4-Chloro-3-methylphenol	8.575	107	584293	45.798	ng	99
37) 2-Methylnaphthalene	8.728	142	1204133	42.087	ng	99
38) 1-Methylnaphthalene	8.822	142	1134273	42.380	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	495469	42.518	ng	99
41) Hexachlorocyclopentadiene	8.880	237	530199	78.015	ng	98
43) 2,4,6-Trichlorophenol	9.004	196	366547	45.483	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	382898	41.082	ng	96
46) 1,1'-Biphenyl	9.192	154	1487049	43.269	ng	99
47) 2-Chloronaphthalene	9.216	162	1130179	44.929	ng	99
48) 2-Nitroaniline	9.310	65	366887	44.132	ng	97
49) Acenaphthylene	9.627	152	1742803	43.361	ng	99
50) Dimethylphthalate	9.498	163	1342362	44.419	ng	99
51) 2,6-Dinitrotoluene	9.551	165	311176	45.748	ng	99
52) Acenaphthene	9.798	154	1183596m	43.968	ng	
53) 3-Nitroaniline	9.716	138	194746	24.080	ng	98
54) 2,4-Dinitrophenol	9.827	184	158221	46.277	ng	94
55) Dibenzofuran	9.969	168	1564912	42.617	ng	97
56) 4-Nitrophenol	9.892	139	481075	76.800	ng	91
57) 2,4-Dinitrotoluene	9.957	165	401794	46.320	ng	97
58) Fluorene	10.316	166	1149318	42.721	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	320901	44.411	ng	99
60) Diethylphthalate	10.192	149	1237888	43.366	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	544755	41.551	ng	96
62) 4-Nitroaniline	10.339	138	343620	46.227	ng	98
63) Azobenzene	10.469	77	1250595	41.357	ng	97
65) 4,6-Dinitro-2-methylph...	10.363	198	154546	32.981	ng	75
66) n-Nitrosodiphenylamine	10.427	169	1076511	42.928	ng	100
67) 4-Bromophenyl-phenylether	10.792	248	356476	42.515	ng	94
68) Hexachlorobenzene	10.863	284	382448	44.514	ng	100
69) Atrazine	10.957	200	362953	50.230	ng	99
70) Pentachlorophenol	11.057	266	404676	66.135	ng	99
71) Phenanthrene	11.274	178	1754312	42.220	ng	100
72) Anthracene	11.322	178	1812244	42.618	ng	99
73) Carbazole	11.480	167	1645567	43.460	ng	99
74) Di-n-butylphthalate	11.816	149	1932790	45.107	ng	99
75) Fluoranthene	12.457	202	1737389	41.663	ng	99
77) Benzidine	12.574	184	585217	92.384	ng	# 93
78) Pyrene	12.686	202	1764224	54.941	ng	99
80) Butylbenzylphthalate	13.310	149	730841	64.279	ng	99
81) Benzo(a)anthracene	13.868	228	1113675	43.233	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	178704	25.112	ng	99
83) Chrysene	13.910	228	1103508	42.849	ng	99
84) Bis(2-ethylhexyl)phtha...	13.868	149	798743	55.969	ng	99
85) Di-n-octyl phthalate	14.480	149	1199351	51.541	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	1296235	56.082	ng	98
88) Benzo(b)fluoranthene	14.892	252	1052198	40.703	ng	98
89) Benzo(k)fluoranthene	14.921	252	1065768	41.590	ng	98
90) Benzo(a)pyrene	15.239	252	990379	42.091	ng	99
91) Dibenzo(a,h)anthracene	16.692	278	1087265	56.401	ng	99
92) Benzo(g,h,i)perylene	17.092	276	1026819	53.953	ng	95

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

