

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
 Data File : BF132635.D
 Acq On : 03 Mar 2023 18:38
 Operator : CG\JU
 Sample : 01770-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/06/2023
 Supervised By : Jagrut Upadhyay 03/06/2023

Quant Time: Mar 04 02:19:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	161135	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	526085	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	230901	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	396128	20.000	ng	0.00
76) Chrysene-d12	14.210	240	360370	20.000	ng	# 0.00
86) Perylene-d12	15.762	264	357732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1120886	112.897	ng	0.00
7) Phenol-d6	6.628	99	1373123	105.972	ng	0.00
23) Nitrobenzene-d5	7.569	82	872137	78.653	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	267467	107.260	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1230483	81.143	ng	0.00
79) Terphenyl-d14	13.133	244	1307440	61.341	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.928	88	255080	46.446	ng	97
3) Pyridine	3.687	79	654630	44.906	ng	94
4) n-Nitrosodimethylamine	3.651	42	248462	45.122	ng	88
6) Aniline	6.663	93	525555	30.139	ng	96
8) 2-Chlorophenol	6.787	128	498572	48.384	ng	97
9) Benzaldehyde	6.551	77	264845	37.879	ng	100
10) Phenol	6.645	94	645678	43.464	ng	92
11) bis(2-Chloroethyl)ether	6.734	93	556210	48.501	ng	95
12) 1,3-Dichlorobenzene	6.945	146	549556	49.698	ng	96
13) 1,4-Dichlorobenzene	7.022	146	547439	49.580	ng	98
14) 1,2-Dichlorobenzene	7.169	146	521020	49.168	ng	100
15) Benzyl Alcohol	7.139	79	441116	44.204	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.275	45	663373	45.361	ng	100
17) 2-Methylphenol	7.251	107	398853	41.474	ng	95
18) Hexachloroethane	7.516	117	203730	47.229	ng	95
19) n-Nitroso-di-n-propyla...	7.410	70	314341	39.418	ng	94
20) 3+4-Methylphenols	7.404	107	456882	36.773	ng	95
22) Acetophenone	7.410	105	625418	47.146	ng	# 88
24) Nitrobenzene	7.586	77	544117	45.882	ng	99
25) Isophorone	7.822	82	949157	44.647	ng	99
26) 2-Nitrophenol	7.904	139	253946	48.534	ng	89
27) 2,4-Dimethylphenol	7.933	122	393710	47.675	ng	99
28) bis(2-Chloroethoxy)met...	8.028	93	585495	47.080	ng	99
29) 2,4-Dichlorophenol	8.145	162	371301	45.199	ng	99
30) 1,2,4-Trichlorobenzene	8.228	180	437687	49.067	ng	97
31) Naphthalene	8.310	128	1275187	47.348	ng	99
32) Benzoic acid	8.039	122	240510	37.841	ng	93
33) 4-Chloroaniline	8.357	127	209457	18.149	ng	# 92
34) Hexachlorobutadiene	8.422	225	277444	48.946	ng	99
35) Caprolactam	8.722	113	116145m	42.886	ng	
36) 4-Chloro-3-methylphenol	8.833	107	362475	40.178	ng	98
37) 2-Methylnaphthalene	9.004	142	790552	43.072	ng	100
38) 1-Methylnaphthalene	9.104	142	720219	41.989	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	403028	53.349	ng	99
41) Hexachlorocyclopentadiene	9.151	237	176551	43.087	ng	99
43) 2,4,6-Trichlorophenol	9.280	196	252685	49.356	ng	100

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44) 2,4,5-Trichlorophenol	9.322	196	257264	43.054	ng	95
46) 1,1'-Biphenyl	9.463	154	899590	51.474	ng	99
47) 2-Chloronaphthalene	9.492	162	706520	50.990	ng	99
48) 2-Nitroaniline	9.586	65	221718	43.446	ng	94
49) Acenaphthylene	9.910	152	1082715	49.097	ng	100
50) Dimethylphthalate	9.763	163	818576	48.689	ng	100
51) 2,6-Dinitrotoluene	9.827	165	178929	46.732	ng	92
52) Acenaphthene	10.086	154	714183	51.002	ng	99
53) 3-Nitroaniline	9.998	138	149567	34.920	ng	96
54) 2,4-Dinitrophenol	10.110	184	83985	35.850	ng	90
55) Dibenzofuran	10.257	168	1000276	48.999	ng	98
56) 4-Nitrophenol	10.163	139	272319	85.255	ng	91
57) 2,4-Dinitrotoluene	10.233	165	225337	44.237	ng	97
58) Fluorene	10.604	166	783924	50.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.374	232	200673	45.210	ng	97
60) Diethylphthalate	10.463	149	753457	45.887	ng	100
61) 4-Chlorophenyl-phenyle...	10.586	204	362870	44.796	ng	98
62) 4-Nitroaniline	10.616	138	147240	35.021	ng	91
63) Azobenzene	10.751	77	755610	43.451	ng	97
65) 4,6-Dinitro-2-methylph...	10.645	198	60968	22.736	ng	95
66) n-Nitrosodiphenylamine	10.710	169	614154	49.731	ng	100
67) 4-Bromophenyl-phenylether	11.080	248	216744	48.371	ng	99
68) Hexachlorobenzene	11.151	284	238115	50.503	ng	# 94
69) Atrazine	11.233	200	197354	51.189	ng	100
70) Pentachlorophenol	11.351	266	263785	94.035	ng	98
71) Phenanthrene	11.574	178	1550854	75.573	ng	99
72) Anthracene	11.621	178	1148551	54.350	ng	99
73) Carbazole	11.780	167	979007	51.384	ng	99
74) Di-n-butylphthalate	12.098	149	1098261	49.141	ng	99
75) Fluoranthene	12.774	202	1917862	85.489	ng	98
77) Benzidine	12.892	184	633504	72.215	ng	99
78) Pyrene	13.004	202	1870251	57.083	ng	100
80) Butylbenzylphthalate	13.610	149	550274	42.560	ng	98
81) Benzo(a)anthracene	14.204	228	1647625	61.105	ng	95
82) 3,3'-Dichlorobenzidine	14.157	252	404570	50.893	ng	99
83) Chrysene	14.239	228	1560804	61.901	ng	99
84) Bis(2-ethylhexyl)phtha...	14.168	149	737072	46.406	ng	98
85) Di-n-octyl phthalate	14.798	149	1390726	59.919	ng	98
87) Indeno(1,2,3-cd)pyrene	17.374	276	1082134	46.166	ng	100
88) Benzo(b)fluoranthene	15.304	252	1755163	73.213	ng	98
89) Benzo(k)fluoranthene	15.333	252	1195300	50.945	ng	98
90) Benzo(a)pyrene	15.704	252	1279533	57.027	ng	99
91) Dibenzo(a,h)anthracene	17.386	278	804919	42.146	ng	97
92) Benzo(g,h,i)perylene	17.862	276	861780	40.200	ng	99

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

