

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
 Data File : BF132599.D
 Acq On : 01 Mar 2023 19:23
 Operator : CG\JU
 Sample : 01722-01MS 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-022723MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/02/2023
 Supervised By :Jagrut Upadhyay 03/02/2023

Quant Time: Mar 02 03:20:03 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	7.004	152	190827	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	627419	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	272533	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	502335	20.000	ng	0.00
76) Chrysene-d12	14.204	240	411256	20.000	ng	# 0.00
86) Perylene-d12	15.763	264	333789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	377625	32.117	ng	0.00
7) Phenol-d6	6.622	99	448725	29.242	ng	-0.01
23) Nitrobenzene-d5	7.563	82	254145	19.218	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	79609	27.048	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	416847	23.290	ng	0.00
79) Terphenyl-d14	13.133	244	475045	19.530	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.905	88	151469	23.289	ng	95
3) Pyridine	3.675	79	383809	22.232	ng	93
4) n-Nitrosodimethylamine	3.622	42	139457	21.385	ng	89
6) Aniline	6.663	93	189203	9.162	ng	94
8) 2-Chlorophenol	6.787	128	304396	24.944	ng	98
9) Benzaldehyde	6.557	77	157361	19.004	ng	92
10) Phenol	6.640	94	408118	23.198	ng	90
11) bis(2-Chloroethyl)ether	6.734	93	339477	24.996	ng	93
12) 1,3-Dichlorobenzene	6.946	146	336986	25.733	ng	96
13) 1,4-Dichlorobenzene	7.022	146	336788	25.756	ng	98
14) 1,2-Dichlorobenzene	7.175	146	318016	25.341	ng	98
15) Benzyl Alcohol	7.140	79	262120	22.180	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.275	45	404138	23.335	ng	99
17) 2-Methylphenol	7.251	107	244689	21.485	ng	96
18) Hexachloroethane	7.516	117	116761	22.856	ng	98
19) n-Nitroso-di-n-propyla...	7.404	70	204198	21.622	ng	95
20) 3+4-Methylphenols	7.404	107	295463	20.081	ng	# 85
22) Acetophenone	7.410	105	406654	25.704	ng	# 86
24) Nitrobenzene	7.581	77	327091	23.127	ng	97
25) Isophorone	7.822	82	577944	22.795	ng	99
26) 2-Nitrophenol	7.904	139	146241	23.435	ng	88
27) 2,4-Dimethylphenol	7.934	122	244450	24.820	ng	96
28) bis(2-Chloroethoxy)met...	8.028	93	366727	24.726	ng	99
29) 2,4-Dichlorophenol	8.145	162	224011	22.865	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	261935	24.622	ng	100
31) Naphthalene	8.310	128	1049248	32.667	ng	99
32) Benzoic acid	8.022	122	137718	20.163	ng	96
33) 4-Chloroaniline	8.357	127	122128	8.873	ng	94
34) Hexachlorobutadiene	8.422	225	164901	24.393	ng	98
35) Caprolactam	8.710	113	66620m	20.626	ng	
36) 4-Chloro-3-methylphenol	8.834	107	213782	19.869	ng	94
37) 2-Methylnaphthalene	9.004	142	606843	27.723	ng	99
38) 1-Methylnaphthalene	9.104	142	528807	25.850	ng	100
40) 1,2,4,5-Tetrachloroben...	9.169	216	238370	26.733	ng	99
41) Hexachlorocyclopentadiene	9.151	237	51849	10.721	ng	99
43) 2,4,6-Trichlorophenol	9.281	196	148498	24.575	ng	99

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44) 2,4,5-Trichlorophenol	9.322	196	149876	21.251	ng	96
46) 1,1'-Biphenyl	9.463	154	588766	28.543	ng	98
47) 2-Chloronaphthalene	9.492	162	426238	26.062	ng	99
48) 2-Nitroaniline	9.587	65	127498	21.167	ng	96
49) Acenaphthylene	9.910	152	681648	26.189	ng	99
50) Dimethylphthalate	9.757	163	485117	24.447	ng	99
51) 2,6-Dinitrotoluene	9.828	165	99971	22.121	ng	92
52) Acenaphthene	10.087	154	420271	25.428	ng	99
53) 3-Nitroaniline	9.998	138	81981	16.217	ng	97
54) 2,4-Dinitrophenol	10.110	184	21796	9.322	ng	92
55) Dibenzofuran	10.257	168	630383	26.163	ng	96
56) 4-Nitrophenol	10.157	139	156684	41.560	ng	90
57) 2,4-Dinitrotoluene	10.234	165	130456	21.698	ng	89
58) Fluorene	10.604	166	535527	29.057	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	117225	22.375	ng	98
60) Diethylphthalate	10.463	149	447650	23.098	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	224196	23.449	ng	91
62) 4-Nitroaniline	10.610	138	93223	18.786	ng	92
63) Azobenzene	10.751	77	489172	23.833	ng	96
65) 4,6-Dinitro-2-methylph...	10.639	198	19371	5.696	ng	85
66) n-Nitrosodiphenylamine	10.704	169	377989	24.136	ng	98
67) 4-Bromophenyl-phenylether	11.081	248	130505	22.967	ng	96
68) Hexachlorobenzene	11.151	284	141301	23.633	ng	94
69) Atrazine	11.228	200	122529	25.062	ng	97
70) Pentachlorophenol	11.351	266	152987	43.007	ng	98
71) Phenanthrene	11.575	178	1256060	48.267	ng	99
72) Anthracene	11.622	178	811476	30.281	ng	98
73) Carbazole	11.775	167	642720	26.601	ng	98
74) Di-n-butylphthalate	12.098	149	705405	24.889	ng	98
75) Fluoranthene	12.769	202	1353808	47.587	ng	100
77) Benzidine	12.886	184	250377	25.010	ng	99
78) Pyrene	13.004	202	1509781	40.379	ng	99
80) Butylbenzylphthalate	13.610	149	344912	23.376	ng	95
81) Benzo(a)anthracene	14.198	228	1094656	35.574	ng	98
82) 3,3'-Dichlorobenzidine	14.151	252	151287	16.676	ng	99
83) Chrysene	14.233	228	1027221	35.699	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	484546	26.732	ng	99
85) Di-n-octyl phthalate	14.792	149	801841	30.273	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	590170	26.984	ng	98
88) Benzo(b)fluoranthene	15.298	252	865182	38.678	ng	96
89) Benzo(k)fluoranthene	15.327	252	680644	31.091	ng	98
90) Benzo(a)pyrene	15.692	252	697936	33.338	ng	97
91) Dibenzo(a,h)anthracene	17.380	278	407830	22.886	ng	99
92) Benzo(g,h,i)perylene	17.851	276	498111	25.517	ng	96

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

