

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022723\
 Data File : BF132557.D
 Acq On : 27 Feb 2023 17:37
 Operator : CG\JU
 Sample : 01701-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19-SB02MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/28/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 28 03:16:06 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	7.007	152	146044	20.000	ng	0.00
21) Naphthalene-d8	8.290	136	528748	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	265436	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	438030	20.000	ng	0.00
76) Chrysene-d12	14.207	240	299937	20.000	ng	0.00
86) Perylene-d12	15.760	264	236708	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	909225	101.041	ng	0.00
7) Phenol-d6	6.637	99	1202006	102.351	ng	0.00
23) Nitrobenzene-d5	7.572	82	788219	70.727	ng	0.00
42) 2,4,6-Tribromophenol	10.848	330	285651	99.648	ng	0.00
45) 2-Fluorobiphenyl	9.366	172	1248273	71.607	ng	0.00
79) Terphenyl-d14	13.136	244	1158804	65.322	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.937	88	199400	40.059	ng	99
3) Pyridine	3.696	79	455530	34.477	ng	98
4) n-Nitrosodimethylamine	3.655	42	219193	43.920	ng	96
6) Aniline	6.666	93	404628	25.602	ng	98
8) 2-Chlorophenol	6.790	128	430851	46.133	ng	100
9) Benzaldehyde	6.554	77	235178	37.112	ng	96
10) Phenol	6.648	94	567621	42.158	ng	99
11) bis(2-Chloroethyl)ether	6.737	93	455101	43.785	ng	96
12) 1,3-Dichlorobenzene	6.948	146	457556	45.654	ng	99
13) 1,4-Dichlorobenzene	7.025	146	463290	46.294	ng	98
14) 1,2-Dichlorobenzene	7.178	146	444133	46.243	ng	98
15) Benzyl Alcohol	7.148	79	422405	46.703	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	603810	45.555	ng	99
17) 2-Methylphenol	7.254	107	363066	41.654	ng	99
18) Hexachloroethane	7.519	117	183555	46.948	ng	97
19) n-Nitroso-di-n-propyla...	7.419	70	308554	42.691	ng	97
20) 3+4-Methylphenols	7.407	107	434257	38.564	ng	92
22) Acetophenone	7.413	105	585648	43.926	ng	# 94
24) Nitrobenzene	7.590	77	524113	43.973	ng	94
25) Isophorone	7.825	82	925875	43.333	ng	98
26) 2-Nitrophenol	7.907	139	231537	44.028	ng	98
27) 2,4-Dimethylphenol	7.937	122	363922	43.846	ng	97
28) bis(2-Chloroethoxy)met...	8.031	93	544637	43.574	ng	100
29) 2,4-Dichlorophenol	8.148	162	363631	44.042	ng	97
30) 1,2,4-Trichlorobenzene	8.231	180	406332	45.323	ng	99
31) Naphthalene	8.313	128	1166174	43.082	ng	99
32) Benzoic acid	8.054	122	268998m	41.677	ng	
33) 4-Chloroaniline	8.360	127	99159	8.549	ng	95
34) Hexachlorobutadiene	8.425	225	270041	47.400	ng	99
35) Caprolactam	8.742	113	118478m	43.527	ng	
36) 4-Chloro-3-methylphenol	8.842	107	396406	43.718	ng	98
37) 2-Methylnaphthalene	9.007	142	771418	41.818	ng	99
38) 1-Methylnaphthalene	9.107	142	708418	41.093	ng	99
40) 1,2,4,5-Tetrachloroben...	9.172	216	415500	47.844	ng	100
41) Hexachlorocyclopentadiene	9.154	237	290480	61.668	ng	100
43) 2,4,6-Trichlorophenol	9.284	196	275257	46.769	ng	99

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44) 2,4,5-Trichlorophenol	9.331	196	288124	41.945	ng	98
46) 1,1'-Biphenyl	9.472	154	923576	45.971	ng	99
47) 2-Chloronaphthalene	9.501	162	737940	46.328	ng	99
48) 2-Nitroaniline	9.595	65	252564	43.052	ng	97
49) Acenaphthylene	9.919	152	1100846	43.425	ng	99
50) Dimethylphthalate	9.772	163	914668	47.326	ng	99
51) 2,6-Dinitrotoluene	9.836	165	196587	44.663	ng	93
52) Acenaphthene	10.089	154	735117m	45.667	ng	
53) 3-Nitroaniline	10.007	138	131322	26.672	ng	98
54) 2,4-Dinitrophenol	10.113	184	155003	56.440	ng	97
55) Dibenzofuran	10.260	168	1005947	42.866	ng	96
56) 4-Nitrophenol	10.166	139	261674	71.264	ng	89
57) 2,4-Dinitrotoluene	10.242	165	248232	42.392	ng	95
58) Fluorene	10.607	166	743417	41.415	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.378	232	222917	43.687	ng	98
60) Diethylphthalate	10.472	149	879485	46.593	ng	99
61) 4-Chlorophenyl-phenyle...	10.595	204	412773	44.327	ng	97
62) 4-Nitroaniline	10.625	138	162285	33.578	ng	99
63) Azobenzene	10.754	77	1085923	54.321	ng	96
65) 4,6-Dinitro-2-methylph...	10.648	198	106062	35.768	ng	93
66) n-Nitrosodiphenylamine	10.713	169	668150	48.928	ng	99
67) 4-Bromophenyl-phenylether	11.089	248	242424	48.927	ng	98
68) Hexachlorobenzene	11.154	284	259656	49.803	ng	# 92
69) Atrazine	11.236	200	226064	53.027	ng	97
70) Pentachlorophenol	11.354	266	254678	82.104	ng	98
71) Phenanthrene	11.578	178	981203	43.240	ng	99
72) Anthracene	11.625	178	996575	42.648	ng	99
73) Carbazole	11.783	167	868060	41.202	ng	99
74) Di-n-butylphthalate	12.101	149	1200900	48.593	ng	99
75) Fluoranthene	12.772	202	987602	39.811	ng	98
77) Benzidine	12.889	184	371386	50.866	ng	99
78) Pyrene	13.001	202	1020298	37.415	ng	99
80) Butylbenzylphthalate	13.613	149	456022	42.377	ng	97
81) Benzo(a)anthracene	14.195	228	950486	42.353	ng	98
82) 3,3'-Dichlorobenzidine	14.154	252	234075	35.378	ng	98
83) Chrysene	14.236	228	906943	43.217	ng	98
84) Bis(2-ethylhexyl)phtha...	14.166	149	635476	48.071	ng	99
85) Di-n-octyl phthalate	14.795	149	1099238	56.903	ng	100
87) Indeno(1,2,3-cd)pyrene	17.360	276	588161	37.921	ng	98
88) Benzo(b)fluoranthene	15.295	252	795678	50.159	ng	99
89) Benzo(k)fluoranthene	15.330	252	736803	47.459	ng	99
90) Benzo(a)pyrene	15.695	252	618595	41.666	ng	98
91) Dibenzo(a,h)anthracene	17.377	278	489997	38.774	ng	97
92) Benzo(g,h,i)perylene	17.848	276	475164	33.767	ng	99

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

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