

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130810.D
 Acq On : 27 Oct 2022 21:53
 Operator : CG\JU
 Sample : PB148598BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148598BS

Quant Time: Oct 28 04:53:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	95487	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	374736	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	213094	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	406699	20.000	ng	0.00
76) Chrysene-d12	14.145	240	249717	20.000	ng	0.00
86) Perylene-d12	15.656	264	173476	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	768542	139.532	ng	0.01
7) Phenol-d6	6.575	99	987619	137.982	ng	0.00
23) Nitrobenzene-d5	7.522	82	628064	101.062	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	284726	158.726	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1187538	84.255	ng	0.00
79) Terphenyl-d14	13.086	244	1353413	99.315	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.845	88	88764	35.944	ng	91
3) Pyridine	3.598	79	252018	36.436	ng	98
4) n-Nitrosodimethylamine	3.569	42	178856	46.061	ng	100
6) Aniline	6.616	93	410117m	46.338	ng	
8) 2-Chlorophenol	6.739	128	292574	47.683	ng	99
9) Benzaldehyde	6.510	77	219622	47.941	ng	95
10) Phenol	6.586	94	346278	44.957	ng	100
11) bis(2-Chloroethyl)ether	6.692	93	282843	47.106	ng	98
12) 1,3-Dichlorobenzene	6.898	146	311603	44.817	ng	99
13) 1,4-Dichlorobenzene	6.975	146	315916	44.764	ng	100
14) 1,2-Dichlorobenzene	7.128	146	306105	46.833	ng	98
15) Benzyl Alcohol	7.092	79	277913m	45.662	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	507921	47.457	ng	99
17) 2-Methylphenol	7.198	107	243486	46.428	ng	99
18) Hexachloroethane	7.469	117	118833	46.589	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	223080	45.808	ng	98
20) 3+4-Methylphenols	7.351	107	309124	45.335	ng	96
22) Acetophenone	7.369	105	410614	45.194	ng	99
24) Nitrobenzene	7.539	77	325826	47.947	ng	100
25) Isophorone	7.780	82	610401	47.630	ng	100
26) 2-Nitrophenol	7.857	139	127007	47.454	ng	99
27) 2,4-Dimethylphenol	7.886	122	280264	52.548	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	354431	49.520	ng	99
29) 2,4-Dichlorophenol	8.092	162	247698	45.146	ng	96
30) 1,2,4-Trichlorobenzene	8.180	180	259804	44.036	ng	98
31) Naphthalene	8.263	128	851213	43.537	ng	99
32) Benzoic acid	7.998	122	173046	46.028	ng	95
33) 4-Chloroaniline	8.310	127	259292	33.562	ng	97
34) Hexachlorobutadiene	8.375	225	174144	44.465	ng	98
35) Caprolactam	8.680	113	83720m	47.616	ng	
36) 4-Chloro-3-methylphenol	8.780	107	278661	46.823	ng	98
37) 2-Methylnaphthalene	8.957	142	539408	43.861	ng	99
38) 1-Methylnaphthalene	9.057	142	502529	41.988	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	263500	43.604	ng	99
41) Hexachlorocyclopentadiene	9.110	237	367944	115.883	ng	97
43) 2,4,6-Trichlorophenol	9.227	196	187469	44.645	ng	99

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44) 2,4,5-Trichlorophenol	9.269	196	196904	43.891	ng	95
46) 1,1'-Biphenyl	9.422	154	671847	44.253	ng	100
47) 2-Chloronaphthalene	9.451	162	523644	43.014	ng	97
48) 2-Nitroaniline	9.539	65	178719	45.858	ng	99
49) Acenaphthylene	9.869	152	839345	43.630	ng	99
50) Dimethylphthalate	9.722	163	644937	44.064	ng	99
51) 2,6-Dinitrotoluene	9.786	165	132296	47.575	ng	88
52) Acenaphthene	10.039	154	563294	47.353	ng	98
53) 3-Nitroaniline	9.951	138	110404	38.727	ng	95
54) 2,4-Dinitrophenol	10.057	184	115111	84.233	ng	93
55) Dibenzofuran	10.210	168	751707	43.596	ng	98
56) 4-Nitrophenol	10.104	139	228691	101.311	ng	96
57) 2,4-Dinitrotoluene	10.186	165	174468	49.761	ng	# 88
58) Fluorene	10.557	166	589872	43.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.321	232	167650	45.327	ng	99
60) Diethylphthalate	10.427	149	647090	44.954	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	286887	44.170	ng	97
62) 4-Nitroaniline	10.574	138	141905	49.157	ng	98
63) Azobenzene	10.704	77	669255	44.539	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	75831	45.173	ng	93
66) n-Nitrosodiphenylamine	10.663	169	555386	43.781	ng	98
67) 4-Bromophenyl-phenylether	11.039	248	182942	44.729	ng	94
68) Hexachlorobenzene	11.098	284	199544	44.281	ng	96
69) Atrazine	11.192	200	192244	52.475	ng	97
70) Pentachlorophenol	11.292	266	237314	92.288	ng	96
71) Phenanthrene	11.521	178	893110	42.547	ng	100
72) Anthracene	11.574	178	907223	43.818	ng	99
73) Carbazole	11.727	167	807167	43.534	ng	99
74) Di-n-butylphthalate	12.057	149	1001698	44.484	ng	98
75) Fluoranthene	12.710	202	944200	42.335	ng	99
77) Benzidine	12.833	184	618082	101.962	ng	99
78) Pyrene	12.945	202	959386	45.537	ng	99
80) Butylbenzylphthalate	13.562	149	367910	48.539	ng	90
81) Benzo(a)anthracene	14.133	228	730364	44.114	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	154970	34.681	ng	94
83) Chrysene	14.168	228	678397	42.480	ng	98
84) Bis(2-ethylhexyl)phtha...	14.115	149	438471	48.112	ng	99
85) Di-n-octyl phthalate	14.739	149	607252	48.279	ng	99
87) Indeno(1,2,3-cd)pyrene	17.215	276	596416	51.772	ng	99
88) Benzo(b)fluoranthene	15.209	252	525824	46.890	ng	99
89) Benzo(k)fluoranthene	15.239	252	520826	47.663	ng	99
90) Benzo(a)pyrene	15.592	252	455242	50.500	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	505387	53.815	ng	99
92) Benzo(g,h,i)perylene	17.692	276	512757	53.518	ng	99

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

