

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136716.D
 Acq On : 26 Dec 2023 13:22
 Operator : CG\JU
 Sample : PB157895BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157895BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 14:06:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	96803	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	394750	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	189360	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	356932	20.000	ng	0.00
76) Chrysene-d12	13.969	240	186752	20.000	ng	0.00
86) Perylene-d12	15.445	264	147504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	738866	119.092	ng	0.02
7) Phenol-d6	6.445	99	891047	110.839	ng	0.00
23) Nitrobenzene-d5	7.357	82	565709	73.332	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	247110	110.805	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1055681	74.983	ng	0.00
79) Terphenyl-d14	12.910	244	1029717	77.054	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	75585	29.239	ng	99
3) Pyridine	3.399	79	187783	29.773	ng	95
4) n-Nitrosodimethylamine	3.363	42	137619	40.859	ng	97
6) Aniline	6.451	93	194582	24.209	ng	# 13
8) 2-Chlorophenol	6.581	128	291544	42.941	ng	93
9) Benzaldehyde	6.340	77	65950	14.423	ng	98
10) Phenol	6.457	94	331350	38.611	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	266660	40.859	ng	99
12) 1,3-Dichlorobenzene	6.728	146	287102	38.763	ng	98
13) 1,4-Dichlorobenzene	6.804	146	291366	38.501	ng	98
14) 1,2-Dichlorobenzene	6.957	146	278160	39.500	ng	99
15) Benzyl Alcohol	6.940	79	230732	42.543	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	430858	40.380	ng	86
17) 2-Methylphenol	7.051	107	226054	40.190	ng	96
18) Hexachloroethane	7.292	117	109041	39.674	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	194237	39.858	ng	98
20) 3+4-Methylphenols	7.204	107	269970	38.420	ng	# 81
22) Acetophenone	7.198	105	393082	39.728	ng	94
24) Nitrobenzene	7.375	77	294180	38.068	ng	94
25) Isophorone	7.610	82	537901	38.320	ng	99
26) 2-Nitrophenol	7.687	139	150481	40.700	ng	96
27) 2,4-Dimethylphenol	7.728	122	224027	49.770	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	326829	38.304	ng	99
29) 2,4-Dichlorophenol	7.934	162	223043	38.489	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	248152	38.433	ng	98
31) Naphthalene	8.087	128	826839	38.127	ng	99
32) Benzoic acid	7.881	122	172719	39.658	ng	94
33) 4-Chloroaniline	8.139	127	173214	21.633	ng	97
34) Hexachlorobutadiene	8.198	225	146106	37.245	ng	97
35) Caprolactam	8.522	113	73278m	38.331	ng	
36) 4-Chloro-3-methylphenol	8.634	107	245583	37.644	ng	97
37) 2-Methylnaphthalene	8.781	142	514704	36.878	ng	99
38) 1-Methylnaphthalene	8.881	142	491153	35.869	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	244497	41.692	ng	98
41) Hexachlorocyclopentadiene	8.928	237	171873	91.189	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	155225	41.273	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	166945	39.834	ng	99
46) 1,1'-Biphenyl	9.245	154	630519	39.680	ng	99
47) 2-Chloronaphthalene	9.269	162	481735	39.879	ng	100
48) 2-Nitroaniline	9.375	65	155436	41.090	ng	95
49) Acenaphthylene	9.686	152	758248	41.066	ng	99
50) Dimethylphthalate	9.551	163	552133	39.919	ng	99
51) 2,6-Dinitrotoluene	9.616	165	122871	39.143	ng	88
52) Acenaphthene	9.857	154	449259	39.252	ng	99
53) 3-Nitroaniline	9.786	138	106332	31.977	ng	94
54) 2,4-Dinitrophenol	9.904	184	136542	78.556	ng	98
55) Dibenzofuran	10.033	168	674439	38.873	ng	99
56) 4-Nitrophenol	9.969	139	176533	78.644	ng	98
57) 2,4-Dinitrotoluene	10.022	165	155445	38.145	ng	96
58) Fluorene	10.375	166	543764	39.499	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	139488	43.236	ng	99
60) Diethylphthalate	10.251	149	552419	38.494	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	250565	37.446	ng	96
62) 4-Nitroaniline	10.410	138	113063m	35.271	ng	
63) Azobenzene	10.528	77	519771	38.778	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	88189	43.112	ng	84
66) n-Nitrosodiphenylamine	10.492	169	472696	40.768	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	155861	39.319	ng	98
68) Hexachlorobenzene	10.928	284	173470	39.269	ng	95
69) Atrazine	11.022	200	115186	38.841	ng	99
70) Pentachlorophenol	11.122	266	147328	71.551	ng	98
71) Phenanthrene	11.339	178	745930	40.729	ng	99
72) Anthracene	11.392	178	741671	39.987	ng	99
73) Carbazole	11.551	167	687382	39.308	ng	100
74) Di-n-butylphthalate	11.880	149	850998	39.881	ng	99
75) Fluoranthene	12.533	202	752014	38.387	ng	97
77) Benzidine	12.657	184	33603	6.102	ng	99
78) Pyrene	12.763	202	751168	40.974	ng	100
80) Butylbenzylphthalate	13.386	149	286110	42.890	ng	97
81) Benzo(a)anthracene	13.963	228	532260	41.045	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	151220	41.062	ng	# 99
83) Chrysene	13.998	228	501311	39.532	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	368072	43.854	ng	98
85) Di-n-octyl phthalate	14.568	149	569759	43.885	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	552890	51.915	ng	99
88) Benzo(b)fluoranthene	15.015	252	452672	45.948	ng	99
89) Benzo(k)fluoranthene	15.045	252	432681	46.479	ng	98
90) Benzo(a)pyrene	15.386	252	391290	47.052	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	466327	53.372	ng	99
92) Benzo(g,h,i)perylene	17.415	276	469366	52.450	ng	99

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

Manual Integrations

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