

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136568.D
 Acq On : 14 Dec 2023 15:03
 Operator : CG\JU
 Sample : PB157641BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 15:29:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	114634	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	473708	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	248849	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	475485	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	267167	20.000	ng	-0.01
86) Perylene-d12	15.445	264	243216	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	662039	85.290	ng	0.00
7) Phenol-d6	6.434	99	813924	84.044	ng	-0.01
23) Nitrobenzene-d5	7.357	82	720168	82.187	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	276457	90.100	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1527497	83.756	ng	-0.02
79) Terphenyl-d14	12.910	244	1810450	89.317	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	108344	35.289	ng	96
3) Pyridine	3.410	79	277304	37.297	ng	95
4) n-Nitrosodimethylamine	3.387	42	136351	42.211	ng	# 99
6) Aniline	6.457	93	356176	36.392	ng	98
8) 2-Chlorophenol	6.575	128	378721	44.692	ng	98
9) Benzaldehyde	6.340	77	132602	24.683	ng	97
10) Phenol	6.445	94	444871	43.169	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	328430	42.757	ng	98
12) 1,3-Dichlorobenzene	6.728	146	387142	40.624	ng	99
13) 1,4-Dichlorobenzene	6.804	146	391057	40.452	ng	99
14) 1,2-Dichlorobenzene	6.957	146	375496	41.306	ng	98
15) Benzyl Alcohol	6.934	79	298378	46.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	402444	40.736	ng	94
17) 2-Methylphenol	7.051	107	301133	43.986	ng	94
18) Hexachloroethane	7.292	117	139726	41.399	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	238838	42.752	ng	99
20) 3+4-Methylphenols	7.204	107	365984	43.069	ng	# 83
22) Acetophenone	7.198	105	497063	42.493	ng	# 97
24) Nitrobenzene	7.375	77	362241	41.094	ng	96
25) Isophorone	7.610	82	674197	42.826	ng	98
26) 2-Nitrophenol	7.687	139	199195	45.965	ng	95
27) 2,4-Dimethylphenol	7.728	122	336365	62.948	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	419409	43.356	ng	99
29) 2,4-Dichlorophenol	7.928	162	318306	45.129	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	344450	41.881	ng	97
31) Naphthalene	8.086	128	1087512	41.630	ng	99
32) Benzoic acid	7.869	122	223577	42.177	ng	97
33) 4-Chloroaniline	8.139	127	176674	18.970	ng	98
34) Hexachlorobutadiene	8.204	225	200451	41.125	ng	98
35) Caprolactam	8.522	113	101925m	46.926	ng	
36) 4-Chloro-3-methylphenol	8.633	107	335084	44.744	ng	96
37) 2-Methylnaphthalene	8.781	142	718887	43.256	ng	95
38) 1-Methylnaphthalene	8.881	142	668951	41.020	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	338877	43.771	ng	99
41) Hexachlorocyclopentadiene	8.933	237	412187	143.708	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	232060	46.034	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	245675	43.665	ng	94
46) 1,1'-Biphenyl	9.251	154	916835	43.299	ng	98
47) 2-Chloronaphthalene	9.275	162	706211	42.851	ng	98
48) 2-Nitroaniline	9.375	65	195534	44.237	ng	88
49) Acenaphthylene	9.686	152	1050927	44.764	ng	99
50) Dimethylphthalate	9.557	163	825992	45.084	ng	99
51) 2,6-Dinitrotoluene	9.616	165	183807	44.594	ng	96
52) Acenaphthene	9.863	154	662740	44.053	ng	96
53) 3-Nitroaniline	9.786	138	126276	30.002	ng	95
54) 2,4-Dinitrophenol	9.898	184	192606	92.424	ng	94
55) Dibenzofuran	10.033	168	958880	43.629	ng	100
56) 4-Nitrophenol	9.963	139	294721	93.406	ng	96
57) 2,4-Dinitrotoluene	10.028	165	237569	43.570	ng	96
58) Fluorene	10.375	166	763408	43.271	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	215606	47.841	ng	99
60) Diethylphthalate	10.257	149	805033	44.685	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	386302	44.916	ng	98
62) 4-Nitroaniline	10.410	138	187646	44.899	ng	97
63) Azobenzene	10.533	77	708783	43.224	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	136771	46.446	ng	95
66) n-Nitrosodiphenylamine	10.492	169	686096	44.968	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	247285	44.731	ng	98
68) Hexachlorobenzene	10.927	284	279416	43.731	ng	# 91
69) Atrazine	11.027	200	243551	55.929	ng	98
70) Pentachlorophenol	11.122	266	280305	77.731	ng	99
71) Phenanthrene	11.345	178	1183276	45.276	ng	99
72) Anthracene	11.392	178	1203242	45.710	ng	99
73) Carbazole	11.551	167	1031273	44.264	ng	100
74) Di-n-butylphthalate	11.886	149	1270786	44.493	ng	100
75) Fluoranthene	12.533	202	1186904	43.337	ng	98
77) Benzidine	12.657	184	288989	44.258	ng	98
78) Pyrene	12.763	202	1195154	45.677	ng	98
80) Butylbenzylphthalate	13.392	149	456384	48.998	ng	99
81) Benzo(a)anthracene	13.957	228	846240	45.473	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	181366	34.759	ng	98
83) Chrysene	13.998	228	818237	44.689	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	591794	51.827	ng	98
85) Di-n-octyl phthalate	14.568	149	912592	54.107	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	818291	48.429	ng	100
88) Benzo(b)fluoranthene	15.010	252	764999	46.003	ng	98
89) Benzo(k)fluoranthene	15.045	252	671089	42.822	ng	99
90) Benzo(a)pyrene	15.380	252	632888	46.084	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	683115	49.349	ng	99
92) Benzo(g,h,i)perylene	17.409	276	659942	46.449	ng	98

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

