

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136468.D
 Acq On : 08 Dec 2023 15:33
 Operator : CG\JU
 Sample : PB157563BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157563BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/08/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 08 15:54:57 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	6.798	152	127313	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	539791	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	278004	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	521180	20.000	ng	0.00
76) Chrysene-d12	13.980	240	278275	20.000	ng	0.00
86) Perylene-d12	15.457	264	240299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1103432	127.998	ng	0.02
7) Phenol-d6	6.451	99	1356162	126.088	ng	0.00
23) Nitrobenzene-d5	7.363	82	832668	83.392	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	440118	128.396	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1657688	81.363	ng	0.00
79) Terphenyl-d14	12.922	244	1856193	87.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	130890	38.387	ng	99
3) Pyridine	3.416	79	288457	34.933	ng	97
4) n-Nitrosodimethylamine	3.387	42	165692	46.186	ng	# 94
6) Aniline	6.463	93	385902	35.502	ng	# 1
8) 2-Chlorophenol	6.587	128	435326	46.256	ng	99
9) Benzaldehyde	6.351	77	117651	18.909	ng	94
10) Phenol	6.463	94	496880	43.414	ng	81
11) bis(2-Chloroethyl)ether	6.540	93	393784	46.160	ng	98
12) 1,3-Dichlorobenzene	6.740	146	450075	42.524	ng	97
13) 1,4-Dichlorobenzene	6.816	146	457362	42.599	ng	100
14) 1,2-Dichlorobenzene	6.963	146	433730	42.960	ng	99
15) Benzyl Alcohol	6.945	79	333103	46.249	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	476429	43.422	ng	92
17) 2-Methylphenol	7.063	107	348808	45.876	ng	# 93
18) Hexachloroethane	7.304	117	160811	42.901	ng	97
19) n-Nitroso-di-n-propyla...	7.216	70	272949	43.992	ng	99
20) 3+4-Methylphenols	7.216	107	416770	44.161	ng	# 80
22) Acetophenone	7.210	105	582824	43.724	ng	97
24) Nitrobenzene	7.381	77	413873	41.203	ng	100
25) Isophorone	7.622	82	771374	43.000	ng	97
26) 2-Nitrophenol	7.692	139	223682	45.297	ng	99
27) 2,4-Dimethylphenol	7.740	122	370923	60.917	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	481827	43.710	ng	98
29) 2,4-Dichlorophenol	7.940	162	357190	44.442	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	395401	42.191	ng	99
31) Naphthalene	8.098	128	1251403	42.040	ng	100
32) Benzoic acid	7.881	122	275809	45.661	ng	100
33) 4-Chloroaniline	8.151	127	366968	34.579	ng	99
34) Hexachlorobutadiene	8.210	225	223218	40.189	ng	99
35) Caprolactam	8.528	113	116894m	47.229	ng	
36) 4-Chloro-3-methylphenol	8.639	107	379855	44.512	ng	98
37) 2-Methylnaphthalene	8.792	142	804935	42.504	ng	95
38) 1-Methylnaphthalene	8.887	142	747857	40.244	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	389401	45.022	ng	98
41) Hexachlorocyclopentadiene	8.939	237	388921	121.376	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	253431	45.001	ng	98

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44) 2,4,5-Trichlorophenol	9.122	196	272930	43.422	ng	95
46) 1,1'-Biphenyl	9.257	154	1026152	43.379	ng	99
47) 2-Chloronaphthalene	9.281	162	774814	42.083	ng	98
48) 2-Nitroaniline	9.381	65	226087	45.785	ng	96
49) Acenaphthylene	9.698	152	1161557	44.288	ng	99
50) Dimethylphthalate	9.563	163	910815	44.500	ng	99
51) 2,6-Dinitrotoluene	9.628	165	201763	43.817	ng	93
52) Acenaphthene	9.869	154	731502	43.524	ng	99
53) 3-Nitroaniline	9.798	138	177877	37.829	ng	97
54) 2,4-Dinitrophenol	9.904	184	220275	94.616	ng	# 89
55) Dibenzofuran	10.045	168	1065758	43.407	ng	98
56) 4-Nitrophenol	9.975	139	315504	89.506	ng	90
57) 2,4-Dinitrotoluene	10.034	165	266110	43.686	ng	97
58) Fluorene	10.386	166	842445	42.744	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	236466	46.967	ng	100
60) Diethylphthalate	10.269	149	880481	43.747	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	408428	42.509	ng	94
62) 4-Nitroaniline	10.416	138	206574	44.244	ng	94
63) Azobenzene	10.539	77	785900	42.900	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	156148	48.377	ng	98
66) n-Nitrosodiphenylamine	10.504	169	754987	45.145	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	266219	43.934	ng	94
68) Hexachlorobenzene	10.933	284	302104	43.136	ng	96
69) Atrazine	11.033	200	172934	36.230	ng	99
70) Pentachlorophenol	11.133	266	315318	79.774	ng	98
71) Phenanthrene	11.351	178	1295850	45.236	ng	99
72) Anthracene	11.404	178	1292043	44.780	ng	99
73) Carbazole	11.563	167	1118213	43.788	ng	99
74) Di-n-butylphthalate	11.892	149	1360604	43.461	ng	99
75) Fluoranthene	12.545	202	1268118	42.243	ng	99
77) Benzidine	12.669	184	193977	33.985	ng	98
78) Pyrene	12.775	202	1246810	45.749	ng	99
80) Butylbenzylphthalate	13.398	149	454760	46.875	ng	92
81) Benzo(a)anthracene	13.969	228	861440	44.442	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	276244	50.829	ng	100
83) Chrysene	14.004	228	828881	43.463	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	558543	46.963	ng	100
85) Di-n-octyl phthalate	14.580	149	834061	47.477	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	895825	53.661	ng	99
88) Benzo(b)fluoranthene	15.021	252	791415	48.169	ng	99
89) Benzo(k)fluoranthene	15.051	252	694811	44.874	ng	99
90) Benzo(a)pyrene	15.392	252	656875	48.412	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	752886	55.050	ng	99
92) Benzo(g,h,i)perylene	17.427	276	750066	53.433	ng	99

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

