

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135947.D
 Acq On : 25 Oct 2023 18:22
 Operator : CG\JU
 Sample : PB156288BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156288BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 04:31:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	179247	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	706348	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	349522	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	632347	20.000	ng	0.00
76) Chrysene-d12	14.010	240	398861	20.000	ng	0.00
86) Perylene-d12	15.486	264	371107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1515556	130.561	ng	0.02
7) Phenol-d6	6.463	99	1894572	131.098	ng	0.00
23) Nitrobenzene-d5	7.392	82	1045011	94.325	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	492587	161.010	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1895184	86.823	ng	0.00
79) Terphenyl-d14	12.951	244	2297739	96.249	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	190422	35.314	ng	99
3) Pyridine	3.463	79	506482	34.030	ng	99
4) n-Nitrosodimethylamine	3.428	42	279988	43.144	ng	99
6) Aniline	6.487	93	663191	34.081	ng	99
8) 2-Chlorophenol	6.610	128	575739	47.911	ng	97
9) Benzaldehyde	6.369	77	90334	11.555	ng	96
10) Phenol	6.475	94	687943m	45.535	ng	
11) bis(2-Chloroethyl)ether	6.563	93	534060	45.414	ng	96
12) 1,3-Dichlorobenzene	6.763	146	585466	45.868	ng	99
13) 1,4-Dichlorobenzene	6.839	146	594361	46.364	ng	97
14) 1,2-Dichlorobenzene	6.992	146	564810	47.446	ng	99
15) Benzyl Alcohol	6.969	79	432664	42.352	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	782668	45.193	ng	99
17) 2-Methylphenol	7.075	107	445745	42.086	ng	99
18) Hexachloroethane	7.334	117	209682	48.103	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	364241	44.323	ng	96
20) 3+4-Methylphenols	7.234	107	540850	42.311	ng	# 81
22) Acetophenone	7.239	105	726757	45.555	ng	# 91
24) Nitrobenzene	7.410	77	548535	46.953	ng	100
25) Isophorone	7.645	82	1012873	45.365	ng	99
26) 2-Nitrophenol	7.722	139	236753	54.408	ng	100
27) 2,4-Dimethylphenol	7.757	122	437858	43.029	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	621669	45.343	ng	99
29) 2,4-Dichlorophenol	7.963	162	447425	49.102	ng	97
30) 1,2,4-Trichlorobenzene	8.045	180	485485	47.056	ng	98
31) Naphthalene	8.128	128	1531145	44.836	ng	100
32) Benzoic acid	7.886	122	274408	52.896	ng	92
33) 4-Chloroaniline	8.175	127	310350	20.561	ng	98
34) Hexachlorobutadiene	8.245	225	274347	47.178	ng	100
35) Caprolactam	8.545	113	151707m	50.030	ng	
36) 4-Chloro-3-methylphenol	8.657	107	464068	47.923	ng	98
37) 2-Methylnaphthalene	8.822	142	966602	42.779	ng	100
38) 1-Methylnaphthalene	8.916	142	946302	44.821	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	448313	45.413	ng	99
41) Hexachlorocyclopentadiene	8.975	237	499692	102.655	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	295009	51.058	ng	98

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44) 2,4,5-Trichlorophenol	9.139	196	325500	47.448	ng	95
46) 1,1'-Biphenyl	9.286	154	1217240	45.961	ng	100
47) 2-Chloronaphthalene	9.310	162	932984	47.627	ng	99
48) 2-Nitroaniline	9.404	65	270733	50.105	ng	100
49) Acenaphthylene	9.728	152	1473348	47.674	ng	99
50) Dimethylphthalate	9.592	163	1044570	46.085	ng	100
51) 2,6-Dinitrotoluene	9.651	165	234494	49.709	ng	# 84
52) Acenaphthene	9.898	154	979832m	49.472	ng	
53) 3-Nitroaniline	9.816	138	192799	35.592	ng	97
54) 2,4-Dinitrophenol	9.922	184	180597	90.611	ng	98
55) Dibenzofuran	10.069	168	1305995	45.644	ng	99
56) 4-Nitrophenol	9.980	139	443888	95.757	ng	97
57) 2,4-Dinitrotoluene	10.051	165	310673	52.754	ng	95
58) Fluorene	10.416	166	975760	45.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	282284	54.683	ng	99
60) Diethylphthalate	10.298	149	1005612	46.525	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	462564	44.796	ng	99
62) 4-Nitroaniline	10.439	138	257360	46.397	ng	94
63) Azobenzene	10.569	77	999231	45.555	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	119367	54.491	ng	99
66) n-Nitrosodiphenylamine	10.527	169	909424	47.606	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	307396	47.467	ng	98
68) Hexachlorobenzene	10.957	284	354504	51.245	ng	98
69) Atrazine	11.063	200	293276	56.316	ng	99
70) Pentachlorophenol	11.157	266	407234	92.168	ng	100
71) Phenanthrene	11.380	178	1523926	47.634	ng	100
72) Anthracene	11.433	178	1552856	47.405	ng	100
73) Carbazole	11.586	167	1415428	48.438	ng	98
74) Di-n-butylphthalate	11.927	149	1523894	49.008	ng	99
75) Fluoranthene	12.569	202	1608336	47.786	ng	97
77) Benzidine	12.698	184	391644	50.923	ng	99
78) Pyrene	12.804	202	1671007	49.896	ng	99
80) Butylbenzylphthalate	13.433	149	624657	49.246	ng	94
81) Benzo(a)anthracene	13.992	228	1351523	49.834	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	348088	42.187	ng	99
83) Chrysene	14.033	228	1261856	47.772	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	742444	53.912	ng	99
85) Di-n-octyl phthalate	14.621	149	1173584	54.097	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1190857	56.592	ng	100
88) Benzo(b)fluoranthene	15.051	252	1153682	52.237	ng	99
89) Benzo(k)fluoranthene	15.086	252	1022306	47.131	ng	100
90) Benzo(a)pyrene	15.427	252	967948	47.554	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	991637	55.093	ng	98
92) Benzo(g,h,i)perylene	17.456	276	980925	47.937	ng	100

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

