

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072523\
 Data File : BF134461.D
 Acq On : 25 Jul 2023 13:56
 Operator : CG\JU
 Sample : PB154085BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154085BS

Quant Time: Jul 25 14:44:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 01:46:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel
 07/26/2023

Supervised By :mohammad
 ahmed
 07/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	80564	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	308386	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	151777	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	302781	20.000	ng	0.00
76) Chrysene-d12	14.033	240	222997	20.000	ng	0.00
86) Perylene-d12	15.527	264	145435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	647583	132.805	ng	0.01
7) Phenol-d6	6.487	99	755135	126.397	ng	0.00
23) Nitrobenzene-d5	7.404	82	486867	79.877	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	280595	130.117	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	984509	85.155	ng	0.00
79) Terphenyl-d14	12.963	244	1184645	92.736	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	52121	25.200	ng	95
3) Pyridine	3.487	79	253598	54.623	ng	98
4) n-Nitrosodimethylamine	3.434	42	177886	64.834	ng	84
6) Aniline	6.504	93	324305	46.058	ng	# 86
8) 2-Chlorophenol	6.628	128	244710	49.537	ng	96
9) Benzaldehyde	6.392	77	155016	48.452	ng	98
10) Phenol	6.498	94	292739	47.095	ng	83
11) bis(2-Chloroethyl)ether	6.575	93	217216	50.057	ng	95
12) 1,3-Dichlorobenzene	6.775	146	261333	49.196	ng	97
13) 1,4-Dichlorobenzene	6.851	146	268654	49.144	ng	97
14) 1,2-Dichlorobenzene	7.004	146	252204	49.113	ng	96
15) Benzyl Alcohol	6.987	79	219071	47.493	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	343923	53.820	ng	97
17) 2-Methylphenol	7.098	107	199027	45.175	ng	96
18) Hexachloroethane	7.339	117	84337	40.157	ng	99
19) n-Nitroso-di-n-propyla...	7.251	70	174376	46.886	ng	95
20) 3+4-Methylphenols	7.251	107	242124	42.924	ng	# 89
22) Acetophenone	7.245	105	343551	44.794	ng	# 97
24) Nitrobenzene	7.422	77	258263	42.605	ng	99
25) Isophorone	7.657	82	456335	44.922	ng	97
26) 2-Nitrophenol	7.734	139	122802	44.046	ng	97
27) 2,4-Dimethylphenol	7.775	122	194753	44.264	ng	91
28) bis(2-Chloroethoxy)met...	7.863	93	254850	45.072	ng	99
29) 2,4-Dichlorophenol	7.981	162	190235	43.252	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	209027	44.058	ng	96
31) Naphthalene	8.139	128	681257	44.388	ng	100
32) Benzoic acid	7.916	122	136595	46.478	ng	# 72
33) 4-Chloroaniline	8.192	127	221821	34.965	ng	98
34) Hexachlorobutadiene	8.245	225	138755	43.657	ng	97
35) Caprolactam	8.569	113	65076m	48.388	ng	
36) 4-Chloro-3-methylphenol	8.681	107	232767	45.866	ng	99
37) 2-Methylnaphthalene	8.828	142	444512	41.683	ng	97
38) 1-Methylnaphthalene	8.928	142	419338	42.387	ng	95
40) 1,2,4,5-Tetrachloroben...	8.992	216	209982	43.657	ng	97
41) Hexachlorocyclopentadiene	8.975	237	223013	113.789	ng	91
43) 2,4,6-Trichlorophenol	9.110	196	138503	44.887	ng	98

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44) 2,4,5-Trichlorophenol	9.157	196	151573	42.162	ng	96
46) 1,1'-Biphenyl	9.292	154	561611	44.895	ng	98
47) 2-Chloronaphthalene	9.322	162	423975	45.973	ng	98
48) 2-Nitroaniline	9.422	65	146323	44.056	ng	96
49) Acenaphthylene	9.733	152	683199	43.851	ng	98
50) Dimethylphthalate	9.598	163	502158	44.631	ng	98
51) 2,6-Dinitrotoluene	9.669	165	109660	44.419	ng	# 80
52) Acenaphthene	9.910	154	400210	43.484	ng	99
53) 3-Nitroaniline	9.839	138	107248	37.890	ng	96
54) 2,4-Dinitrophenol	9.957	184	120960	92.290	ng	96
55) Dibenzofuran	10.080	168	606713	42.831	ng	99
56) 4-Nitrophenol	10.016	139	161928	107.276	ng	89
57) 2,4-Dinitrotoluene	10.075	165	143477	43.269	ng	86
58) Fluorene	10.428	166	450400	39.414	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	126766m	45.896	ng	
60) Diethylphthalate	10.298	149	548613	47.096	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	218368	40.002	ng	99
62) 4-Nitroaniline	10.463	138	99025	34.099	ng	97
63) Azobenzene	10.575	77	503674	46.975	ng	94
65) 4,6-Dinitro-2-methylph...	10.492	198	74879	43.113	ng	90
66) n-Nitrosodiphenylamine	10.539	169	435525	45.211	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	151459	45.656	ng	97
68) Hexachlorobenzene	10.975	284	174886	46.815	ng	100
69) Atrazine	11.069	200	150364	55.986	ng	95
70) Pentachlorophenol	11.180	266	160156	102.157	ng	97
71) Phenanthrene	11.392	178	710652	44.922	ng	99
72) Anthracene	11.445	178	715708	43.834	ng	99
73) Carbazole	11.604	167	686020	44.618	ng	100
74) Di-n-butylphthalate	11.927	149	848448	48.071	ng	99
75) Fluoranthene	12.592	202	829269	44.978	ng	100
77) Benzidine	12.716	184	564630	118.584	ng	99
78) Pyrene	12.821	202	796324	44.911	ng	98
80) Butylbenzylphthalate	13.439	149	346993	48.855	ng	95
81) Benzo(a)anthracene	14.021	228	718203	46.163	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	200416	40.671	ng	# 99
83) Chrysene	14.057	228	644769	43.328	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	467332	54.161	ng	99
85) Di-n-octyl phthalate	14.615	149	587876	49.026	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	450342	47.398	ng	99
88) Benzo(b)fluoranthene	15.086	252	452672	49.753	ng	99
89) Benzo(k)fluoranthene	15.121	252	423451	47.325	ng	98
90) Benzo(a)pyrene	15.468	252	363976	43.279	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	371246	48.382	ng	98
92) Benzo(g,h,i)perylene	17.551	276	369696	46.923	ng	99

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

