

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139550.D
 Acq On : 26 Sep 2024 16:27
 Operator : RC/JU
 Sample : PB163677BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163677BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2024
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 26 16:56:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	76718	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	291390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	157795	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	273650	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	141027	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	157414	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	455807	96.924	ng	0.01
7) Phenol-d6	6.510	99	589843	95.557	ng	0.00
23) Nitrobenzene-d5	7.445	82	566637	91.418	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	145537	86.633	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1003901	89.229	ng	0.00
79) Terphenyl-d14	12.986	244	843977	98.229	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	84024	44.534	ng	96
3) Pyridine	3.481	79	225395	54.183	ng	95
4) n-Nitrosodimethylamine	3.446	42	163224	45.270	ng	# 77
6) Aniline	6.539	93	291527	62.582	ng	# 80
8) 2-Chlorophenol	6.663	128	255737	52.829	ng	99
9) Benzaldehyde	6.428	77	43034	12.067	ng	95
10) Phenol	6.528	94	329398	52.395	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	249616	52.240	ng	100
12) 1,3-Dichlorobenzene	6.822	146	271944	49.396	ng	98
13) 1,4-Dichlorobenzene	6.898	146	278393	50.040	ng	98
14) 1,2-Dichlorobenzene	7.045	146	264761	50.364	ng	98
15) Benzyl Alcohol	7.022	79	245135	49.777	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	459367	62.380	ng	93
17) 2-Methylphenol	7.134	107	203264	52.849	ng	97
18) Hexachloroethane	7.392	117	106124	50.081	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	194408	53.148	ng	97
20) 3+4-Methylphenols	7.287	107	256021	48.791	ng	# 87
22) Acetophenone	7.287	105	355698	46.693	ng	98
24) Nitrobenzene	7.463	77	298523	46.795	ng	98
25) Isophorone	7.698	82	512932	52.326	ng	99
26) 2-Nitrophenol	7.775	139	134893	54.275	ng	91
27) 2,4-Dimethylphenol	7.816	122	203443	62.055	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	294380	52.692	ng	99
29) 2,4-Dichlorophenol	8.022	162	212173	50.944	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	228312	47.048	ng	99
31) Naphthalene	8.181	128	756138	49.706	ng	99
32) Benzoic acid	7.939	122	143548	46.788	ng	92
33) 4-Chloroaniline	8.233	127	112704	24.218	ng	95
34) Hexachlorobutadiene	8.298	225	150506	45.651	ng	99
35) Caprolactam	8.604	113	67316m	52.543	ng	
36) 4-Chloro-3-methylphenol	8.722	107	231096	48.551	ng	95
37) 2-Methylnaphthalene	8.875	142	486413	50.376	ng	97
38) 1-Methylnaphthalene	8.975	142	448706	47.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	229499	49.074	ng	98
41) Hexachlorocyclopentadiene	9.028	237	281551	172.429	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	152987	50.283	ng	98

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44) 2,4,5-Trichlorophenol	9.198	196	160556	50.027	ng	97
46) 1,1'-Biphenyl	9.339	154	593968	48.928	ng	99
47) 2-Chloronaphthalene	9.363	162	449119	49.480	ng	100
48) 2-Nitroaniline	9.463	65	164340	48.678	ng	95
49) Acenaphthylene	9.780	152	732546	53.614	ng	100
50) Dimethylphthalate	9.639	163	527386	50.922	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116202	50.647	ng	89
52) Acenaphthene	9.951	154	526813m	55.245	ng	
53) 3-Nitroaniline	9.869	138	79577	34.705	ng	89
54) 2,4-Dinitrophenol	9.980	184	133467	104.397	ng	# 86
55) Dibenzofuran	10.122	168	657178	49.444	ng	96
56) 4-Nitrophenol	10.039	139	166202	87.600	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	155138	50.084	ng	98
58) Fluorene	10.463	166	521627	48.101	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	132495	49.906	ng	96
60) Diethylphthalate	10.339	149	521356	48.781	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	249104	47.265	ng	95
62) 4-Nitroaniline	10.486	138	115850	46.294	ng	# 85
63) Azobenzene	10.616	77	533082	50.712	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	83643	57.913	ng	90
66) n-Nitrosodiphenylamine	10.575	169	444458	55.553	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	147425	54.364	ng	98
68) Hexachlorobenzene	11.010	284	164386	51.651	ng	99
69) Atrazine	11.104	200	138347	72.635	ng	99
70) Pentachlorophenol	11.210	266	179434	93.958	ng	99
71) Phenanthrene	11.427	178	703100	53.255	ng	99
72) Anthracene	11.480	178	712603	55.205	ng	99
73) Carbazole	11.633	167	608538	49.256	ng	99
74) Di-n-butylphthalate	11.957	149	710117	51.598	ng	99
75) Fluoranthene	12.616	202	647259	45.908	ng	98
77) Benzidine	12.739	184	219934	108.851	ng	99
78) Pyrene	12.845	202	657905	54.332	ng	100
80) Butylbenzylphthalate	13.457	149	226361	54.920	ng	97
81) Benzo(a)anthracene	14.027	228	493342	52.811	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	121888	44.555	ng	98
83) Chrysene	14.068	228	473184	55.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	276633	52.759	ng	100
85) Di-n-octyl phthalate	14.627	149	463322	60.001	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	533603	57.007	ng	96
88) Benzo(b)fluoranthene	15.080	252	506753	52.198	ng	# 99
89) Benzo(k)fluoranthene	15.110	252	426384	47.634	ng	# 98
90) Benzo(a)pyrene	15.451	252	459262	57.040	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	433005	55.983	ng	98
92) Benzo(g,h,i)perylene	17.445	276	397246	51.871	ng	# 96

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

