

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139549.D
 Acq On : 26 Sep 2024 15:59
 Operator : RC/JU
 Sample : PB163697BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163697BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 26 16:26:50 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	82403	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	310214	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	175082	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	312559	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	154736	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	160763	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	641742	127.047	ng	0.02
7) Phenol-d6	6.516	99	833944	125.782	ng	0.01
23) Nitrobenzene-d5	7.445	82	559824	84.839	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215732	115.739	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	1014625	81.278	ng	0.00
79) Terphenyl-d14	12.986	244	903367	95.826	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	84432	41.663	ng	97
3) Pyridine	3.487	79	225847	50.546	ng	94
4) n-Nitrosodimethylamine	3.446	42	161465	41.693	ng	# 79
6) Aniline	6.540	93	278718	55.705	ng	# 65
8) 2-Chlorophenol	6.663	128	256134	49.260	ng	98
9) Benzaldehyde	6.428	77	35830	9.354	ng	95
10) Phenol	6.528	94	324027	47.985	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	249755	48.663	ng	98
12) 1,3-Dichlorobenzene	6.822	146	267451	45.228	ng	98
13) 1,4-Dichlorobenzene	6.898	146	272706	45.636	ng	99
14) 1,2-Dichlorobenzene	7.045	146	261019	46.227	ng	98
15) Benzyl Alcohol	7.022	79	240566	45.479	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.151	45	443352	56.052	ng	92
17) 2-Methylphenol	7.134	107	201776	48.843	ng	98
18) Hexachloroethane	7.387	117	101380	44.542	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	191335	48.699	ng	96
20) 3+4-Methylphenols	7.287	107	255579	45.346	ng	# 88
22) Acetophenone	7.287	105	349681	43.118	ng	98
24) Nitrobenzene	7.463	77	292127	43.014	ng	97
25) Isophorone	7.698	82	500332	47.943	ng	99
26) 2-Nitrophenol	7.775	139	133117	50.310	ng	92
27) 2,4-Dimethylphenol	7.816	122	203136m	58.202	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	295832	49.739	ng	98
29) 2,4-Dichlorophenol	8.022	162	207440	46.785	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	221943	42.960	ng	99
31) Naphthalene	8.181	128	742118	45.824	ng	100
32) Benzoic acid	7.939	122	148381	45.429	ng	90
33) 4-Chloroaniline	8.234	127	106416	21.479	ng	96
34) Hexachlorobutadiene	8.298	225	146193	41.652	ng	99
35) Caprolactam	8.604	113	69351m	50.847	ng	
36) 4-Chloro-3-methylphenol	8.722	107	231033	45.593	ng	95
37) 2-Methylnaphthalene	8.875	142	479052	46.603	ng	99
38) 1-Methylnaphthalene	8.975	142	445531	44.147	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	224325	43.232	ng	98
41) Hexachlorocyclopentadiene	9.022	237	273395	150.902	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	153545	45.483	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	162712	45.693	ng	98
46) 1,1'-Biphenyl	9.339	154	592124	43.960	ng	99
47) 2-Chloronaphthalene	9.363	162	446322	44.317	ng	98
48) 2-Nitroaniline	9.463	65	172481	46.045	ng	97
49) Acenaphthylene	9.780	152	745040	49.145	ng	100
50) Dimethylphthalate	9.639	163	528748	46.013	ng	100
51) 2,6-Dinitrotoluene	9.704	165	116499	45.763	ng	90
52) Acenaphthene	9.951	154	527807m	49.884	ng	
53) 3-Nitroaniline	9.869	138	84716	33.299	ng	91
54) 2,4-Dinitrophenol	9.980	184	138512	97.646	ng	# 85
55) Dibenzofuran	10.122	168	668513	45.331	ng	96
56) 4-Nitrophenol	10.039	139	179656	85.341	ng	# 80
57) 2,4-Dinitrotoluene	10.110	165	158096	46.000	ng	98
58) Fluorene	10.463	166	529882	44.037	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	136301	46.271	ng	95
60) Diethylphthalate	10.339	149	535446	45.152	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	251158	42.950	ng	96
62) 4-Nitroaniline	10.486	138	119924	43.190	ng	87
63) Azobenzene	10.616	77	538649	46.182	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	86234	52.274	ng	91
66) n-Nitrosodiphenylamine	10.575	169	454983	49.789	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	150938	48.731	ng	97
68) Hexachlorobenzene	11.010	284	168012	46.218	ng	100
69) Atrazine	11.104	200	142652	65.572	ng	99
70) Pentachlorophenol	11.210	266	185054	84.839	ng	100
71) Phenanthrene	11.427	178	727689	48.256	ng	99
72) Anthracene	11.480	178	749848	50.859	ng	100
73) Carbazole	11.633	167	649314	46.014	ng	99
74) Di-n-butylphthalate	11.963	149	758752	48.268	ng	99
75) Fluoranthene	12.616	202	701366	43.553	ng	98
77) Benzidine	12.739	184	195807	88.324	ng	100
78) Pyrene	12.845	202	707749	53.270	ng	100
80) Butylbenzylphthalate	13.457	149	239444	52.947	ng	99
81) Benzo(a)anthracene	14.027	228	518058	50.544	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	114967	38.302	ng	99
83) Chrysene	14.068	228	445463	47.240	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	290221	50.447	ng	99
85) Di-n-octyl phthalate	14.627	149	442796	52.263	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	513811	53.749	ng	# 96
88) Benzo(b)fluoranthene	15.080	252	473746	47.782	ng	99
89) Benzo(k)fluoranthene	15.110	252	407028	44.524	ng	# 98
90) Benzo(a)pyrene	15.451	252	435855	53.005	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	422014	53.425	ng	98
92) Benzo(g,h,i)perylene	17.445	276	389824	49.842	ng	# 96

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

