

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139626.D
 Acq On : 03 Oct 2024 12:44
 Operator : RC/JU
 Sample : PB163843BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163843BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 13:26:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112426	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	438819	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	257586	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	489896	20.000	ng	0.00
76) Chrysene-d12	14.033	240	270474	20.000	ng	0.00
86) Perylene-d12	15.504	264	247526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	821900	126.710	ng	0.02
7) Phenol-d6	6.504	99	1107769	126.996	ng	0.00
23) Nitrobenzene-d5	7.434	82	724380	83.578	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	312832	125.808	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1347044	80.282	ng	0.00
79) Terphenyl-d14	12.980	244	1494491	90.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	102772	36.647	ng	99
3) Pyridine	3.487	79	274392	40.231	ng	99
4) n-Nitrosodimethylamine	3.452	42	188586	42.242	ng	97
6) Aniline	6.534	93	343712	44.405	ng	98
8) 2-Chlorophenol	6.657	128	311212	44.782	ng	97
9) Benzaldehyde	6.416	77	113752	24.618	ng	98
10) Phenol	6.522	94	404579	44.110	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	302010	40.440	ng	98
12) 1,3-Dichlorobenzene	6.810	146	312454	39.967	ng	99
13) 1,4-Dichlorobenzene	6.887	146	319178	40.310	ng	100
14) 1,2-Dichlorobenzene	7.040	146	308289	41.543	ng	98
15) Benzyl Alcohol	7.016	79	298242	44.749	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	548316	42.411	ng	89
17) 2-Methylphenol	7.128	107	253136	43.632	ng	97
18) Hexachloroethane	7.381	117	118214	40.027	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	235449	41.984	ng	99
20) 3+4-Methylphenols	7.281	107	320941	44.042	ng	94
22) Acetophenone	7.281	105	426744	40.969	ng	98
24) Nitrobenzene	7.451	77	356826	39.759	ng	99
25) Isophorone	7.693	82	648040	42.097	ng	100
26) 2-Nitrophenol	7.769	139	166696	43.205	ng	99
27) 2,4-Dimethylphenol	7.804	122	245473m	51.971	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	377713	41.090	ng	99
29) 2,4-Dichlorophenol	8.010	162	263032	42.695	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	270577	38.836	ng	99
31) Naphthalene	8.175	128	913717	40.725	ng	100
32) Benzoic acid	7.940	122	204182	43.475	ng	98
33) 4-Chloroaniline	8.222	127	160534	21.138	ng	99
34) Hexachlorobutadiene	8.287	225	174776	38.764	ng	99
35) Caprolactam	8.598	113	90314m	44.695	ng	
36) 4-Chloro-3-methylphenol	8.710	107	304343	43.640	ng	99
37) 2-Methylnaphthalene	8.863	142	604917	41.397	ng	100
38) 1-Methylnaphthalene	8.963	142	562963	39.414	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	283901	39.691	ng	98
41) Hexachlorocyclopentadiene	9.016	237	331482	151.138	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	200836	41.651	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	216484	41.631	ng	98
46) 1,1'-Biphenyl	9.328	154	768116	40.093	ng	99
47) 2-Chloronaphthalene	9.357	162	570824	39.744	ng	98
48) 2-Nitroaniline	9.451	65	223617	43.372	ng	99
49) Acenaphthylene	9.769	152	951490	43.562	ng	100
50) Dimethylphthalate	9.634	163	714930	42.399	ng	100
51) 2,6-Dinitrotoluene	9.698	165	155710	40.879	ng	95
52) Acenaphthene	9.939	154	686602m	45.790	ng	
53) 3-Nitroaniline	9.863	138	107568	27.635	ng	99
54) 2,4-Dinitrophenol	9.975	184	185423	90.506	ng	99
55) Dibenzofuran	10.116	168	869697	41.425	ng	100
56) 4-Nitrophenol	10.034	139	263833	88.882	ng	96
57) 2,4-Dinitrotoluene	10.098	165	214498	43.082	ng	98
58) Fluorene	10.457	166	681928	40.781	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	184098	43.833	ng	100
60) Diethylphthalate	10.334	149	739516	42.461	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	337283	40.317	ng	99
62) 4-Nitroaniline	10.481	138	166629	41.850	ng	99
63) Azobenzene	10.610	77	748186	42.717	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	126310	45.651	ng	96
66) n-Nitrosodiphenylamine	10.569	169	611877	42.373	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	205135	40.840	ng	99
68) Hexachlorobenzene	11.004	284	227159	40.756	ng	99
69) Atrazine	11.098	200	202739	52.328	ng	99
70) Pentachlorophenol	11.198	266	265009	79.850	ng	98
71) Phenanthrene	11.422	178	982200	42.521	ng	100
72) Anthracene	11.475	178	993859	43.491	ng	100
73) Carbazole	11.628	167	919625	41.900	ng	100
74) Di-n-butylphthalate	11.951	149	1154490	43.256	ng	100
75) Fluoranthene	12.604	202	1038083	41.111	ng	99
77) Benzidine	12.727	184	370230	77.603	ng	100
78) Pyrene	12.833	202	1049726	43.393	ng	99
80) Butylbenzylphthalate	13.451	149	404676	46.768	ng	98
81) Benzo(a)anthracene	14.022	228	795465	44.733	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	175324	32.215	ng	100
83) Chrysene	14.063	228	674100	41.463	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	529697	49.024	ng	99
85) Di-n-octyl phthalate	14.621	149	770527	48.542	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	658875	45.225	ng	100
88) Benzo(b)fluoranthene	15.074	252	615541	38.460	ng	99
89) Benzo(k)fluoranthene	15.104	252	612506	45.116	ng	99
90) Benzo(a)pyrene	15.439	252	573715	45.462	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	543187	44.953	ng	99
92) Benzo(g,h,i)perylene	17.427	276	491155	40.529	ng	100

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

