

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139606.D
 Acq On : 02 Oct 2024 15:00
 Operator : RC/JU
 Sample : P4212-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-NORTHMSD

Quant Time: Oct 02 15:21:25 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
 Supervised By :mohammad ahmed 10/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92638	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	349946	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	197793	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	372524	20.000	ng	0.00
76) Chrysene-d12	14.033	240	193895	20.000	ng	0.00
86) Perylene-d12	15.498	264	180833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	550389	102.977	ng	0.00
7) Phenol-d6	6.498	99	740811	103.068	ng	0.00
23) Nitrobenzene-d5	7.428	82	490984	71.036	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	192393	100.763	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	895751	69.524	ng	0.00
79) Terphenyl-d14	12.974	244	946227	80.074	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	108205	46.826	ng	98
3) Pyridine	3.457	79	282770	50.316	ng	100
4) n-Nitrosodimethylamine	3.422	42	190245	51.716	ng	98
6) Aniline	6.528	93	270880	42.471	ng	# 88
8) 2-Chlorophenol	6.651	128	301683	52.684	ng	99
9) Benzaldehyde	6.416	77	52523	13.795	ng	99
10) Phenol	6.516	94	390284	51.640	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	295530	48.026	ng	99
12) 1,3-Dichlorobenzene	6.804	146	312682	48.539	ng	99
13) 1,4-Dichlorobenzene	6.887	146	313584	48.064	ng	99
14) 1,2-Dichlorobenzene	7.034	146	303157	49.578	ng	99
15) Benzyl Alcohol	7.010	79	290942	52.978	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	543798	51.047	ng	97
17) 2-Methylphenol	7.122	107	244030	51.047	ng	99
18) Hexachloroethane	7.375	117	119955	49.292	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	232341	50.280	ng	99
20) 3+4-Methylphenols	7.275	107	305518	50.882	ng	97
22) Acetophenone	7.275	105	417354	50.243	ng	100
24) Nitrobenzene	7.451	77	351036	49.047	ng	100
25) Isophorone	7.687	82	627343	51.103	ng	99
26) 2-Nitrophenol	7.763	139	162204	52.718	ng	96
27) 2,4-Dimethylphenol	7.804	122	235695m	62.574	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	363354	49.567	ng	99
29) 2,4-Dichlorophenol	8.010	162	251135	51.116	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	265550	47.794	ng	99
31) Naphthalene	8.169	128	883888	49.400	ng	99
32) Benzoic acid	7.934	122	187412	50.038	ng	98
33) 4-Chloroaniline	8.216	127	70621	11.661	ng	99
34) Hexachlorobutadiene	8.287	225	170926	47.537	ng	99
35) Caprolactam	8.592	113	86742m	53.829	ng	
36) 4-Chloro-3-methylphenol	8.710	107	284357	51.129	ng	99
37) 2-Methylnaphthalene	8.863	142	579479	49.728	ng	99
38) 1-Methylnaphthalene	8.963	142	535422	47.006	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	273516	49.799	ng	99
41) Hexachlorocyclopentadiene	9.010	237	274290	162.868	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	187388	50.610	ng	98

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44) 2,4,5-Trichlorophenol	9.186	196	198506	49.714	ng	97
46) 1,1'-Biphenyl	9.328	154	721676	49.056	ng	100
47) 2-Chloronaphthalene	9.351	162	542411	49.182	ng	99
48) 2-Nitroaniline	9.451	65	208592	52.689	ng	99
49) Acenaphthylene	9.769	152	893689	53.285	ng	100
50) Dimethylphthalate	9.628	163	662897	51.198	ng	100
51) 2,6-Dinitrotoluene	9.692	165	145199	49.643	ng	97
52) Acenaphthene	9.939	154	647581m	56.243	ng	
53) 3-Nitroaniline	9.857	138	95837	32.064	ng	99
54) 2,4-Dinitrophenol	9.969	184	172953	109.940	ng	98
55) Dibenzofuran	10.110	168	815723	50.599	ng	99
56) 4-Nitrophenol	10.028	139	242466	106.377	ng	99
57) 2,4-Dinitrotoluene	10.098	165	198522	51.927	ng	95
58) Fluorene	10.457	166	635947	49.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	168689	52.306	ng	99
60) Diethylphthalate	10.328	149	672491	50.285	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	306653	47.737	ng	98
62) 4-Nitroaniline	10.481	138	155254	50.781	ng	99
63) Azobenzene	10.604	77	797564	59.302	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	114486	54.415	ng	98
66) n-Nitrosodiphenylamine	10.569	169	562437	51.221	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	187612	49.119	ng	97
68) Hexachlorobenzene	10.998	284	203861	48.100	ng	97
69) Atrazine	11.092	200	184846	62.742	ng	99
70) Pentachlorophenol	11.198	266	227646	90.204	ng	99
71) Phenanthrene	11.416	178	905129	51.531	ng	100
72) Anthracene	11.469	178	921657	53.039	ng	100
73) Carbazole	11.622	167	845214	50.643	ng	100
74) Di-n-butylphthalate	11.951	149	1036912	51.092	ng	100
75) Fluoranthene	12.604	202	931001	48.487	ng	99
77) Benzidine	12.727	184	245938	71.910	ng	100
78) Pyrene	12.833	202	929328	53.589	ng	99
80) Butylbenzylphthalate	13.451	149	373816	60.264	ng	98
81) Benzo(a)anthracene	14.021	228	654255	51.323	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	141244	36.203	ng	98
83) Chrysene	14.057	228	602467	51.693	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	489801	63.235	ng	99
85) Di-n-octyl phthalate	14.621	149	718063	63.103	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	593801	55.790	ng	100
88) Benzo(b)fluoranthene	15.068	252	571595	48.886	ng	99
89) Benzo(k)fluoranthene	15.104	252	508277	51.247	ng	99
90) Benzo(a)pyrene	15.439	252	508683	55.175	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	482363	54.641	ng	100
92) Benzo(g,h,i)perylene	17.421	276	439063	49.593	ng	99

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

