

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139100.D
 Acq On : 21 Aug 2024 14:21
 Operator : RC/JU
 Sample : P3660-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-906-J-0-0.5-081624MSD

Quant Time: Aug 21 14:54:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/23/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	89610	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	336148	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	191894	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	303323	20.000	ng	0.00
76) Chrysene-d12	14.057	240	158862	20.000	ng	0.00
86) Perylene-d12	15.533	264	194420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	426932	73.300	ng	0.00
7) Phenol-d6	6.522	99	567584	75.417	ng	0.00
23) Nitrobenzene-d5	7.457	82	361566	62.676	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	128871	74.184	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	489023	40.433	ng	0.00
79) Terphenyl-d14	12.998	244	321421	33.572	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.763	88	108194	43.309	ng	99
3) Pyridine	3.510	79	291284	45.884	ng	98
4) n-Nitrosodimethylamine	3.463	42	180378	47.036	ng	98
6) Aniline	6.557	93	332932	49.004	ng	100
8) 2-Chlorophenol	6.681	128	285296	50.926	ng	96
9) Benzaldehyde	6.446	77	164147	37.189	ng	99
10) Phenol	6.534	94	400134	51.098	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	288258	45.774	ng	99
12) 1,3-Dichlorobenzene	6.840	146	314159	46.642	ng	99
13) 1,4-Dichlorobenzene	6.916	146	319719	47.475	ng	99
14) 1,2-Dichlorobenzene	7.063	146	302053	49.075	ng	99
15) Benzyl Alcohol	7.034	79	307384	51.677	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	443569	50.003	ng	99
17) 2-Methylphenol	7.145	107	241901	50.473	ng	98
18) Hexachloroethane	7.410	117	113226	47.946	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	241560	48.876	ng	99
20) 3+4-Methylphenols	7.298	107	317138	51.072	ng	93
22) Acetophenone	7.304	105	422159	49.186	ng	94
24) Nitrobenzene	7.475	77	346828	54.089	ng	99
25) Isophorone	7.716	82	633836	51.693	ng	99
26) 2-Nitrophenol	7.792	139	134144	58.595	ng	99
27) 2,4-Dimethylphenol	7.828	122	234766	60.380	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	357768	49.937	ng	100
29) 2,4-Dichlorophenol	8.034	162	247073	51.007	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	262998	46.368	ng	100
31) Naphthalene	8.204	128	824950	48.429	ng	100
32) Benzoic acid	7.940	122	166159	50.740	ng	98
33) 4-Chloroaniline	8.245	127	160783	27.560	ng	99
34) Hexachlorobutadiene	8.316	225	178433	48.158	ng	99
35) Caprolactam	8.616	113	77291m	50.328	ng	
36) 4-Chloro-3-methylphenol	8.722	107	271820	50.681	ng	99
37) 2-Methylnaphthalene	8.892	142	542088	49.614	ng	100
38) 1-Methylnaphthalene	8.992	142	502042	47.609	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	266564	51.244	ng	99
41) Hexachlorocyclopentadiene	9.045	237	322854	159.897	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	190030	53.600	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	182210	50.070	ng	98
46) 1,1'-Biphenyl	9.357	154	666637	50.714	ng	100
47) 2-Chloronaphthalene	9.381	162	514560	48.176	ng	99
48) 2-Nitroaniline	9.475	65	174548	55.956	ng	99
49) Acenaphthylene	9.798	152	814403	53.228	ng	100
50) Dimethylphthalate	9.657	163	622927	52.582	ng	100
51) 2,6-Dinitrotoluene	9.716	165	128766	53.607	ng	98
52) Acenaphthene	9.969	154	563003	55.705	ng	99
53) 3-Nitroaniline	9.886	138	93682	39.749	ng	# 95
54) 2,4-Dinitrophenol	9.986	184	115788	98.137	ng	# 65
55) Dibenzofuran	10.139	168	745148	50.759	ng	99
56) 4-Nitrophenol	10.039	139	185130	103.383	ng	99
57) 2,4-Dinitrotoluene	10.122	165	168072	55.446	ng	97
58) Fluorene	10.481	166	571447	48.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	154721	52.952	ng	98
60) Diethylphthalate	10.357	149	603163	51.385	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	287693	49.100	ng	100
62) 4-Nitroaniline	10.498	138	113762	46.879	ng	98
63) Azobenzene	10.633	77	654234	50.154	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	75664	62.685	ng	96
66) n-Nitrosodiphenylamine	10.592	169	492550	54.880	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	175675	54.657	ng	99
68) Hexachlorobenzene	11.028	284	180639	52.386	ng	99
69) Atrazine	11.122	200	158214	57.720	ng	99
70) Pentachlorophenol	11.222	266	209523	95.124	ng	98
71) Phenanthrene	11.445	178	804100	52.156	ng	100
72) Anthracene	11.498	178	776156	51.477	ng	100
73) Carbazole	11.645	167	599571	42.585	ng	100
74) Di-n-butylphthalate	11.986	149	783200	47.975	ng	100
75) Fluoranthene	12.633	202	680619	41.362	ng	99
77) Benzidine	12.751	184	192720	58.729	ng	99
78) Pyrene	12.857	202	654467	49.367	ng	100
80) Butylbenzylphthalate	13.480	149	231156	50.399	ng	98
81) Benzo(a)anthracene	14.045	228	544431	52.134	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	147304	50.463	ng	99
83) Chrysene	14.086	228	530252	56.019	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	308208	50.689	ng	99
85) Di-n-octyl phthalate	14.657	149	525812	61.614	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	539237	47.391	ng	99
88) Benzo(b)fluoranthene	15.104	252	610550	48.170	ng	99
89) Benzo(k)fluoranthene	15.133	252	554506	52.527	ng	99
90) Benzo(a)pyrene	15.474	252	560599	55.974	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	441080	47.223	ng	99
92) Benzo(g,h,i)perylene	17.462	276	375433	35.927	ng	98

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

