

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082124\
 Data File : BF139099.D
 Acq On : 21 Aug 2024 13:51
 Operator : RC/JU
 Sample : P3660-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 21 14:34:28 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	83761	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	316859	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	180680	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	287257	20.000	ng	0.00
76) Chrysene-d12	14.057	240	147068	20.000	ng	0.00
86) Perylene-d12	15.533	264	184340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	396848	72.893	ng	0.00
7) Phenol-d6	6.516	99	530779	75.452	ng	0.00
23) Nitrobenzene-d5	7.457	82	334510	61.516	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	124254	75.965	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	461648	40.539	ng	0.00
79) Terphenyl-d14	12.998	244	307068	34.645	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	101267	43.367	ng	99
3) Pyridine	3.505	79	268921	45.320	ng	99
4) n-Nitrosodimethylamine	3.463	42	170190	47.478	ng	99
6) Aniline	6.557	93	320069	50.400	ng	99
8) 2-Chlorophenol	6.681	128	263284	50.279	ng	97
9) Benzaldehyde	6.445	77	154924	37.550	ng	99
10) Phenol	6.534	94	370947	50.679	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	269340	45.757	ng	99
12) 1,3-Dichlorobenzene	6.840	146	296203	47.047	ng	99
13) 1,4-Dichlorobenzene	6.916	146	299651	47.602	ng	99
14) 1,2-Dichlorobenzene	7.063	146	284362	49.427	ng	99
15) Benzyl Alcohol	7.034	79	288072	51.812	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	414848	50.031	ng	99
17) 2-Methylphenol	7.145	107	224340	50.078	ng	98
18) Hexachloroethane	7.410	117	106621	48.302	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	224384	48.571	ng	99
20) 3+4-Methylphenols	7.298	107	295180	50.856	ng	91
22) Acetophenone	7.304	105	395290	48.859	ng	95
24) Nitrobenzene	7.475	77	325298	53.819	ng	99
25) Isophorone	7.716	82	595860	51.555	ng	99
26) 2-Nitrophenol	7.792	139	122351	56.878	ng	99
27) 2,4-Dimethylphenol	7.828	122	217095	59.234	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	332736	49.270	ng	99
29) 2,4-Dichlorophenol	8.034	162	228704	50.089	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	248270	46.436	ng	99
31) Naphthalene	8.204	128	776901	48.385	ng	100
32) Benzoic acid	7.939	122	148457	48.529	ng	98
33) 4-Chloroaniline	8.245	127	156957	28.542	ng	99
34) Hexachlorobutadiene	8.316	225	167651	48.003	ng	99
35) Caprolactam	8.616	113	71627m	49.479	ng	
36) 4-Chloro-3-methylphenol	8.722	107	253055	50.054	ng	100
37) 2-Methylnaphthalene	8.892	142	503947	48.931	ng	99
38) 1-Methylnaphthalene	8.992	142	471448	47.429	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	251951	51.453	ng	99
41) Hexachlorocyclopentadiene	9.045	237	309149	162.612	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	177381	53.138	ng	100

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44) 2,4,5-Trichlorophenol	9.204	196	168308	49.120	ng	99
46) 1,1'-Biphenyl	9.357	154	627387	50.690	ng	99
47) 2-Chloronaphthalene	9.381	162	484803	48.207	ng	100
48) 2-Nitroaniline	9.475	65	159989	54.622	ng	97
49) Acenaphthylene	9.798	152	764149	53.043	ng	100
50) Dimethylphthalate	9.657	163	586037	52.538	ng	100
51) 2,6-Dinitrotoluene	9.716	165	119896	53.062	ng	98
52) Acenaphthene	9.969	154	525661	55.238	ng	99
53) 3-Nitroaniline	9.886	138	90245	40.571	ng	# 98
54) 2,4-Dinitrophenol	9.986	184	106191	96.571	ng	# 65
55) Dibenzofuran	10.139	168	705888	51.069	ng	100
56) 4-Nitrophenol	10.033	139	172709	102.433	ng	93
57) 2,4-Dinitrotoluene	10.116	165	155957	54.723	ng	99
58) Fluorene	10.481	166	538492	48.749	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	147387	53.573	ng	99
60) Diethylphthalate	10.357	149	565365	51.154	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	273886	49.645	ng	100
62) 4-Nitroaniline	10.498	138	105208	46.111	ng	99
63) Azobenzene	10.633	77	615255	50.094	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	68275	60.540	ng	97
66) n-Nitrosodiphenylamine	10.592	169	469528	55.241	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	165662	54.425	ng	99
68) Hexachlorobenzene	11.028	284	171820	52.616	ng	99
69) Atrazine	11.122	200	151231	58.258	ng	99
70) Pentachlorophenol	11.222	266	201173	96.441	ng	99
71) Phenanthrene	11.445	178	758906	51.977	ng	99
72) Anthracene	11.498	178	740356	51.849	ng	99
73) Carbazole	11.645	167	576587	43.243	ng	99
74) Di-n-butylphthalate	11.986	149	746021	48.253	ng	99
75) Fluoranthene	12.627	202	644889	41.382	ng	100
77) Benzidine	12.751	184	183689	60.466	ng	99
78) Pyrene	12.857	202	625957	51.002	ng	100
80) Butylbenzylphthalate	13.480	149	211543	49.822	ng	96
81) Benzo(a)anthracene	14.045	228	507957	52.542	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	138182	51.135	ng	100
83) Chrysene	14.080	228	487295	55.609	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	289421	51.416	ng	99
85) Di-n-octyl phthalate	14.663	149	492722	62.367	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	518784	48.086	ng	99
88) Benzo(b)fluoranthene	15.098	252	579764	48.242	ng	100
89) Benzo(k)fluoranthene	15.133	252	513609	51.313	ng	98
90) Benzo(a)pyrene	15.474	252	530504	55.866	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	420952	47.532	ng	99
92) Benzo(g,h,i)perylene	17.462	276	355854	35.917	ng	99

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

