

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100124\
 Data File : BF139592.D
 Acq On : 01 Oct 2024 17:50
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF100124

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2024

Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 02 05:05:20 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	113237	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	434286	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	248496	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	461255	20.000	ng	0.00
76) Chrysene-d12	14.033	240	240226	20.000	ng	0.00
86) Perylene-d12	15.498	264	219883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	503622	77.086	ng	0.00
7) Phenol-d6	6.504	99	678264	77.200	ng	0.00
23) Nitrobenzene-d5	7.434	82	666222	77.670	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	180485	75.239	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1217834	75.237	ng	0.00
79) Terphenyl-d14	12.974	244	1190672	81.327	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	110569	39.145	ng	99
3) Pyridine	3.387	79	270583	39.389	ng	99
4) n-Nitrosodimethylamine	3.352	42	176319	39.212	ng	99
6) Aniline	6.534	93	293667	37.668	ng	94
8) 2-Chlorophenol	6.657	128	273279	39.042	ng	98
9) Benzaldehyde	6.422	77	193658	41.611	ng	100
10) Phenol	6.516	94	359444	38.908	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	278337	37.003	ng	97
12) 1,3-Dichlorobenzene	6.810	146	307985	39.113	ng	99
13) 1,4-Dichlorobenzene	6.887	146	306163	38.390	ng	100
14) 1,2-Dichlorobenzene	7.040	146	286705	38.358	ng	99
15) Benzyl Alcohol	7.010	79	262912	39.165	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	511004	39.242	ng	99
17) 2-Methylphenol	7.122	107	229767	39.320	ng	98
18) Hexachloroethane	7.381	117	116470	39.154	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	217669	38.536	ng	98
20) 3+4-Methylphenols	7.275	107	288319	39.282	ng	95
22) Acetophenone	7.281	105	395397	38.356	ng	98
24) Nitrobenzene	7.457	77	349075	39.301	ng	100
25) Isophorone	7.692	82	587933	38.591	ng	99
26) 2-Nitrophenol	7.769	139	153888	40.302	ng	99
27) 2,4-Dimethylphenol	7.804	122	183179m	39.187	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	350812	38.562	ng	99
29) 2,4-Dichlorophenol	8.010	162	238655	39.142	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	263655	38.237	ng	99
31) Naphthalene	8.175	128	847427	38.165	ng	100
32) Benzoic acid	7.934	122	197293	42.446	ng	99
33) 4-Chloroaniline	8.228	127	271182	36.080	ng	99
34) Hexachlorobutadiene	8.287	225	173717	38.931	ng	99
35) Caprolactam	8.598	113	76479	38.243	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	269191	39.002	ng	99
37) 2-Methylnaphthalene	8.863	142	551101	38.108	ng	100
38) 1-Methylnaphthalene	8.963	142	539076	38.135	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	266694	38.649	ng	99
41) Hexachlorocyclopentadiene	9.016	237	88573	41.862	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	180525	38.808	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	194640	38.800	ng	97
46) 1,1'-Biphenyl	9.328	154	705156	38.153	ng	100
47) 2-Chloronaphthalene	9.351	162	535017	38.613	ng	99
48) 2-Nitroaniline	9.451	65	192796	38.762	ng	99
49) Acenaphthylene	9.769	152	800988	38.013	ng	100
50) Dimethylphthalate	9.634	163	628286	38.624	ng	100
51) 2,6-Dinitrotoluene	9.692	165	144397	39.296	ng	97
52) Acenaphthene	9.939	154	552429	38.189	ng	99
53) 3-Nitroaniline	9.863	138	142825	38.035	ng	99
54) 2,4-Dinitrophenol	9.969	184	83654	42.326	ng	97
55) Dibenzofuran	10.110	168	773693	38.200	ng	99
56) 4-Nitrophenol	10.022	139	111383	38.896	ng	97
57) 2,4-Dinitrotoluene	10.098	165	188922	39.333	ng	99
58) Fluorene	10.457	166	602052	37.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	153355	37.849	ng	98
60) Diethylphthalate	10.328	149	641902	38.204	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	302507	37.483	ng	99
62) 4-Nitroaniline	10.475	138	144559	37.635	ng	98
63) Azobenzene	10.604	77	649855	38.460	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	107652	41.324	ng	100
66) n-Nitrosodiphenylamine	10.569	169	519259	38.192	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	181315	38.339	ng	95
68) Hexachlorobenzene	11.004	284	202112	38.513	ng	98
69) Atrazine	11.092	200	118754	32.554	ng	99
70) Pentachlorophenol	11.198	266	122978	39.355	ng	99
71) Phenanthrene	11.416	178	817208	37.575	ng	100
72) Anthracene	11.469	178	814664	37.863	ng	99
73) Carbazole	11.628	167	777564	37.627	ng	100
74) Di-n-butylphthalate	11.951	149	975223	38.808	ng	100
75) Fluoranthene	12.604	202	878609	36.956	ng	100
77) Benzidine	12.727	184	138776	32.751	ng	99
78) Pyrene	12.833	202	871593	40.566	ng	100
80) Butylbenzylphthalate	13.451	149	313156	40.748	ng	100
81) Benzo(a)anthracene	14.021	228	600775	38.038	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	187836	38.860	ng	98
83) Chrysene	14.057	228	562903	38.983	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	396967	41.366	ng	99
85) Di-n-octyl phthalate	14.621	149	596856	42.335	ng	100
87) Indeno(1,2,3-cd)pyrene	16.980	276	551490	42.613	ng	100
88) Benzo(b)fluoranthene	15.074	252	516703	36.343	ng	100
89) Benzo(k)fluoranthene	15.104	252	469483	38.929	ng	100
90) Benzo(a)pyrene	15.439	252	436547	38.942	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	456663	42.543	ng	99
92) Benzo(g,h,i)perylene	17.427	276	460818	42.806	ng	99

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

