

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139808.D
 Acq On : 15 Oct 2024 12:46
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/16/2024

Quant Time: Oct 15 16:26:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 15:37:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	91402	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	336590	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	181785	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	308744	20.000	ng	0.00
76) Chrysene-d12	14.016	240	134108	20.000	ng	0.00
86) Perylene-d12	15.480	264	161081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	224882	41.513	ng	0.00
7) Phenol-d6	6.487	99	299081	41.514	ng	0.00
23) Nitrobenzene-d5	7.416	82	269364	41.190	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	66988	43.693	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	509838	41.948	ng	0.00
79) Terphenyl-d14	12.957	244	362255	44.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	46409	19.689	ng	98
3) Pyridine	3.352	79	117407	20.354	ng	100
4) n-Nitrosodimethylamine	3.299	42	67926	19.829	ng	97
6) Aniline	6.516	93	130388	21.005	ng	97
8) 2-Chlorophenol	6.640	128	119644	20.919	ng	98
9) Benzaldehyde	6.404	77	88888	21.966	ng	98
10) Phenol	6.498	94	156944	20.753	ng	93
11) bis(2-Chloroethyl)ether	6.587	93	114720	20.342	ng	99
12) 1,3-Dichlorobenzene	6.792	146	132730	20.525	ng	98
13) 1,4-Dichlorobenzene	6.869	146	134777	20.777	ng	99
14) 1,2-Dichlorobenzene	7.022	146	126129	20.956	ng	98
15) Benzyl Alcohol	6.992	79	108419	20.909	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	206332	20.878	ng	92
17) 2-Methylphenol	7.110	107	96055	20.761	ng	99
18) Hexachloroethane	7.363	117	48965	20.835	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	86874	20.707	ng	98
20) 3+4-Methylphenols	7.263	107	121482	20.881	ng	93
22) Acetophenone	7.263	105	161880	20.493	ng	99
24) Nitrobenzene	7.434	77	141592	20.769	ng	99
25) Isophorone	7.669	82	231033	20.702	ng	99
26) 2-Nitrophenol	7.751	139	60247	20.297	ng	96
27) 2,4-Dimethylphenol	7.787	122	75077	20.815	ng	100
28) bis(2-Chloroethoxy)met...	7.881	93	142240	20.768	ng	100
29) 2,4-Dichlorophenol	7.992	162	96807	20.695	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	110396	20.728	ng	99
31) Naphthalene	8.157	128	362940	20.922	ng	99
32) Benzoic acid	7.887	122	64581	19.392	ng	97
33) 4-Chloroaniline	8.204	127	119555	21.016	ng	99
34) Hexachlorobutadiene	8.269	225	69610	20.597	ng	99
35) Caprolactam	8.557	113	27289	20.663	ng	97
36) 4-Chloro-3-methylphenol	8.686	107	102799	20.694	ng	99
37) 2-Methylnaphthalene	8.845	142	228775	21.035	ng	100
38) 1-Methylnaphthalene	8.945	142	220973	20.870	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	109389	20.718	ng	99
41) Hexachlorocyclopentadiene	8.998	237	15879	19.053	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	68986	20.553	ng	100

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44) 2,4,5-Trichlorophenol	9.169	196	75954	21.118	ng	97
46) 1,1'-Biphenyl	9.310	154	283992	20.662	ng	100
47) 2-Chloronaphthalene	9.333	162	217902	20.750	ng	99
48) 2-Nitroaniline	9.433	65	71468	20.845	ng	97
49) Acenaphthylene	9.751	152	320274	20.766	ng	100
50) Dimethylphthalate	9.610	163	232311	20.878	ng	99
51) 2,6-Dinitrotoluene	9.675	165	53647	21.130	ng	99
52) Acenaphthene	9.922	154	204241m	20.912	ng	
53) 3-Nitroaniline	9.845	138	53315	21.062	ng	98
54) 2,4-Dinitrophenol	9.951	184	20162	19.541	ng	98
55) Dibenzofuran	10.092	168	308870	21.083	ng	99
56) 4-Nitrophenol	10.010	139	31792	20.863	ng	99
57) 2,4-Dinitrotoluene	10.075	165	67167	21.428	ng	98
58) Fluorene	10.439	166	242376	21.257	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	57149	21.367	ng	99
60) Diethylphthalate	10.304	149	229820	21.229	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	118303	20.998	ng	99
62) 4-Nitroaniline	10.451	138	49821	21.519	ng	99
63) Azobenzene	10.586	77	235632	20.879	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	30828	19.032	ng	98
66) n-Nitrosodiphenylamine	10.545	169	196628	20.134	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	67654	20.339	ng	97
68) Hexachlorobenzene	10.986	284	74997	20.155	ng	98
69) Atrazine	11.069	200	43257	23.726	ng	98
70) Pentachlorophenol	11.180	266	31716	19.931	ng	98
71) Phenanthrene	11.398	178	301686	20.457	ng	100
72) Anthracene	11.451	178	303732	20.960	ng	100
73) Carbazole	11.604	167	266507	20.787	ng	99
74) Di-n-butylphthalate	11.933	149	286288	20.550	ng	100
75) Fluoranthene	12.586	202	280574	20.164	ng	99
77) Benzidine	12.710	184	31189	13.922	ng	99
78) Pyrene	12.816	202	280210	21.255	ng	99
80) Butylbenzylphthalate	13.433	149	74985	20.980	ng	98
81) Benzo(a)anthracene	14.004	228	181344	20.358	ng	99
82) 3,3'-Dichlorobenzidine	13.968	252	59409	20.016	ng	100
83) Chrysene	14.039	228	166400	20.495	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	95120	20.633	ng	98
85) Di-n-octyl phthalate	14.598	149	171224	19.963	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	229629	21.289	ng	100
88) Benzo(b)fluoranthene	15.051	252	180135	19.496	ng	98
89) Benzo(k)fluoranthene	15.080	252	174442	21.274	ng	99
90) Benzo(a)pyrene	15.415	252	166202	20.594	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	187503	21.197	ng	99
92) Benzo(g,h,i)perylene	17.392	276	195611	21.084	ng	99

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

