

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139807.D
 Acq On : 15 Oct 2024 12:17
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 16:25:32 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	6.851	152	89590	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	335212	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	185379	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	330091	20.000	ng	0.00
76) Chrysene-d12	14.016	240	145001	20.000	ng	0.00
86) Perylene-d12	15.480	264	148009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	111499	20.999	ng	0.00
7) Phenol-d6	6.481	99	149998	21.242	ng	-0.01
23) Nitrobenzene-d5	7.410	82	134678	20.679	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	33882	21.671	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	267229	21.561	ng	0.00
79) Terphenyl-d14	12.957	244	219300	20.619	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	23417	10.136	ng	99
3) Pyridine	3.363	79	58774	10.395	ng	98
4) n-Nitrosodimethylamine	3.293	42	33615	10.011	ng	97
6) Aniline	6.516	93	66440	10.920	ng	93
8) 2-Chlorophenol	6.640	128	58293	10.398	ng	98
9) Benzaldehyde	6.404	77	45353	11.434	ng	100
10) Phenol	6.498	94	79075	10.668	ng	93
11) bis(2-Chloroethyl)ether	6.587	93	58764	10.631	ng	97
12) 1,3-Dichlorobenzene	6.793	146	67613	10.667	ng	99
13) 1,4-Dichlorobenzene	6.869	146	66511	10.460	ng	99
14) 1,2-Dichlorobenzene	7.022	146	62634	10.617	ng	99
15) Benzyl Alcohol	6.993	79	54695	10.762	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	102891	10.622	ng	92
17) 2-Methylphenol	7.104	107	47479	10.469	ng	98
18) Hexachloroethane	7.363	117	24326	10.560	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	43913	10.679	ng	99
20) 3+4-Methylphenols	7.257	107	62700	10.995	ng	# 90
22) Acetophenone	7.257	105	85482	10.866	ng	98
24) Nitrobenzene	7.434	77	69990	10.309	ng	98
25) Isophorone	7.669	82	117161	10.541	ng	100
26) 2-Nitrophenol	7.751	139	29841	10.095	ng	97
27) 2,4-Dimethylphenol	7.787	122	37128	10.336	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	71329	10.457	ng	100
29) 2,4-Dichlorophenol	7.993	162	49528	10.632	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	54987	10.367	ng	100
31) Naphthalene	8.157	128	183087	10.598	ng	99
32) Benzoic acid	7.869	122	28434	8.573	ng	99
33) 4-Chloroaniline	8.204	127	61304	10.821	ng	99
34) Hexachlorobutadiene	8.269	225	34860	10.357	ng	99
35) Caprolactam	8.545	113	14430	10.971	ng	96
36) 4-Chloro-3-methylphenol	8.687	107	53166	10.747	ng	99
37) 2-Methylnaphthalene	8.845	142	116205	10.729	ng	100
38) 1-Methylnaphthalene	8.945	142	114141	10.825	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	55356	10.281	ng	98
41) Hexachlorocyclopentadiene	8.998	237	4920	11.422	ng	94
43) 2,4,6-Trichlorophenol	9.128	196	33960	9.921	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139807.D
 Acq On : 15 Oct 2024 12:17
 Operator : RC/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 16:25:32 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)
44) 2,4,5-Trichlorophenol	9.169	196	37801	10.306	ng	96
46) 1,1'-Biphenyl	9.310	154	145927	10.411	ng	100
47) 2-Chloronaphthalene	9.334	162	111382	10.401	ng	99
48) 2-Nitroaniline	9.434	65	36722	10.503	ng	97
49) Acenaphthylene	9.751	152	165527	10.525	ng	99
50) Dimethylphthalate	9.604	163	121944	10.747	ng	100
51) 2,6-Dinitrotoluene	9.669	165	27237	10.520	ng	94
52) Acenaphthene	9.922	154	106001m	10.643	ng	
53) 3-Nitroaniline	9.839	138	27682	10.724	ng	99
54) 2,4-Dinitrophenol	9.957	184	7774	7.389	ng	95
55) Dibenzofuran	10.092	168	161594	10.816	ng	100
56) 4-Nitrophenol	10.010	139	15442	9.937	ng	95
57) 2,4-Dinitrotoluene	10.075	165	34876	10.911	ng	98
58) Fluorene	10.434	166	129586	11.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	28386	10.407	ng	99
60) Diethylphthalate	10.304	149	122419	11.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	63587	11.068	ng	96
62) 4-Nitroaniline	10.451	138	25942	10.988	ng	99
63) Azobenzene	10.586	77	126204	10.966	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	14661	8.466	ng	99
66) n-Nitrosodiphenylamine	10.545	169	106457	10.196	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	35609	10.013	ng	100
68) Hexachlorobenzene	10.981	284	40490	10.178	ng	97
69) Atrazine	11.069	200	27008	13.856	ng	98
70) Pentachlorophenol	11.181	266	15130	8.893	ng	97
71) Phenanthrene	11.398	178	166827	10.581	ng	99
72) Anthracene	11.451	178	163331	10.542	ng	99
73) Carbazole	11.604	167	147635	10.770	ng	98
74) Di-n-butylphthalate	11.933	149	160519	10.777	ng	100
75) Fluoranthene	12.586	202	167292	11.245	ng	98
77) Benzidine	12.710	184	24422	10.083	ng	100
78) Pyrene	12.816	202	163686	11.483	ng	99
80) Butylbenzylphthalate	13.433	149	39878	10.319	ng	97
81) Benzo(a)anthracene	14.004	228	101139	10.501	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	30083	9.374	ng	# 98
83) Chrysene	14.039	228	88366	10.066	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	47651	9.560	ng	99
85) Di-n-octyl phthalate	14.598	149	80820	8.715	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	105698	10.665	ng	99
88) Benzo(b)fluoranthene	15.051	252	85218	10.038	ng	98
89) Benzo(k)fluoranthene	15.074	252	77408	10.274	ng	99
90) Benzo(a)pyrene	15.416	252	74848	10.094	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	85955	10.575	ng	99
92) Benzo(g,h,i)perylene	17.386	276	92737	10.879	ng	100

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

