

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133670.D
 Acq On : 09 Jun 2023 12:02
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2023
 Supervised By :mohammad ahmed 06/13/2023

Quant Time: Jun 09 13:53:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 13:43:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	103288	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	370061	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	183597	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	350657	20.000	ng	0.00
76) Chrysene-d12	14.016	240	195559	20.000	ng	0.00
86) Perylene-d12	15.480	264	176808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	696977	117.474	ng	0.00
7) Phenol-d6	6.475	99	842137	109.046	ng	0.00
23) Nitrobenzene-d5	7.410	82	818353	120.448	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	268579	115.567	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1400015	108.397	ng	0.00
79) Terphenyl-d14	12.963	244	1476652	116.839	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.575	88	147233	56.446	ng	99
3) Pyridine	3.322	79	411045	54.066	ng	98
4) n-Nitrosodimethylamine	3.299	42	233716	55.614	ng	98
6) Aniline	6.510	93	539102	55.423	ng	99
8) 2-Chlorophenol	6.628	128	345963	55.332	ng	98
10) Phenol	6.493	94	440567	54.633	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	336735	56.247	ng	95
12) 1,3-Dichlorobenzene	6.781	146	372806	55.806	ng	98
13) 1,4-Dichlorobenzene	6.857	146	374013	55.393	ng	97
14) 1,2-Dichlorobenzene	7.016	146	347650	56.982	ng	98
15) Benzyl Alcohol	6.987	79	341776	56.663	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	582650	57.413	ng	99
17) 2-Methylphenol	7.093	107	320729	57.873	ng	99
18) Hexachloroethane	7.351	117	138879	60.081	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	269733	54.895	ng	100
20) 3+4-Methylphenols	7.251	107	376957	53.559	ng	91
22) Acetophenone	7.257	105	471612	55.565	ng	99
24) Nitrobenzene	7.434	77	419031	61.249	ng	97
25) Isophorone	7.669	82	749585	60.094	ng	98
26) 2-Nitrophenol	7.740	139	193580	63.048	ng	98
27) 2,4-Dimethylphenol	7.781	122	310899	58.748	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	425341	59.000	ng	98
29) 2,4-Dichlorophenol	7.987	162	300695	57.975	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	312334	57.718	ng	97
31) Naphthalene	8.151	128	1021727	56.670	ng	99
32) Benzoic acid	7.916	122	235415m	70.132	ng	
33) 4-Chloroaniline	8.198	127	438864	56.929	ng	99
34) Hexachlorobutadiene	8.263	225	201929	56.994	ng	97
35) Caprolactam	8.587	113	102612m	58.790	ng	
36) 4-Chloro-3-methylphenol	8.681	107	343628	57.478	ng	98
37) 2-Methylnaphthalene	8.839	142	697211	55.657	ng	98
38) 1-Methylnaphthalene	8.939	142	652113	56.571	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	315195	56.471	ng	99
41) Hexachlorocyclopentadiene	8.987	237	158181	63.595	ng	95
43) 2,4,6-Trichlorophenol	9.116	196	214288	57.453	ng	96
44) 2,4,5-Trichlorophenol	9.157	196	249048	57.395	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.304	154	834085	56.329	ng	99
47) 2-Chloronaphthalene	9.328	162	608719	57.310	ng	99
48) 2-Nitroaniline	9.428	65	231897	59.697	ng	97
49) Acenaphthylene	9.745	152	1044068	56.476	ng	100
50) Dimethylphthalate	9.610	163	780793	56.975	ng	99
51) 2,6-Dinitrotoluene	9.669	165	171320	60.566	ng	# 80
52) Acenaphthene	9.922	154	615827	56.910	ng	99
53) 3-Nitroaniline	9.839	138	207559	60.297	ng	89
54) 2,4-Dinitrophenol	9.945	184	83894	62.073	ng	96
55) Dibenzofuran	10.092	168	930537	56.356	ng	98
56) 4-Nitrophenol	9.998	139	147699	63.577	ng	93
57) 2,4-Dinitrotoluene	10.075	165	221604	61.600	ng	99
58) Fluorene	10.433	166	702526	55.637	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	198208	61.012	ng	100
60) Diethylphthalate	10.304	149	803208	57.588	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	348176	55.855	ng	98
62) 4-Nitroaniline	10.457	138	203275	60.229	ng	96
63) Azobenzene	10.586	77	762908	57.780	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	107039	63.881	ng	99
66) n-Nitrosodiphenylamine	10.545	169	649237	55.120	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	219147	55.994	ng	96
68) Hexachlorobenzene	10.980	284	235440	57.206	ng	97
69) Atrazine	11.075	200	194564	56.931	ng	98
70) Pentachlorophenol	11.175	266	161438	65.506	ng	98
71) Phenanthrene	11.398	178	992437	55.784	ng	100
72) Anthracene	11.451	178	1060910	57.192	ng	99
73) Carbazole	11.604	167	979471	58.871	ng	99
74) Di-n-butylphthalate	11.933	149	1199932	54.176	ng	100
75) Fluoranthene	12.586	202	1038646	54.977	ng	98
77) Benzidine	12.710	184	381513	58.138	ng	98
78) Pyrene	12.816	202	1136830	62.405	ng	99
80) Butylbenzylphthalate	13.433	149	478335	62.197	ng	97
81) Benzo(a)anthracene	14.010	228	797342	58.945	ng	98
82) 3,3'-Dichlorobenzidine	13.969	252	260374	57.898	ng	# 99
83) Chrysene	14.045	228	731018	57.138	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	571581	60.361	ng	98
85) Di-n-octyl phthalate	14.610	149	800642	59.498	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	765132	62.902	ng	99
88) Benzo(b)fluoranthene	15.057	252	658689	61.329	ng	98
89) Benzo(k)fluoranthene	15.086	252	645882	61.734	ng	98
90) Benzo(a)pyrene	15.421	252	551064	55.284	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	640402	63.593	ng	99
92) Benzo(g,h,i)perylene	17.404	276	647026	64.803	ng	97

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

