

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
 Data File : BF132876.D
 Acq On : 13 Apr 2023 14:06
 Operator : CG\JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/14/2023
 Supervised By : Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 05:03:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 04:50:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	301177	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	1161071	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	551895	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	943984	20.000	ng	0.00
76) Chrysene-d12	13.922	240	659615	20.000	ng	0.00
86) Perylene-d12	15.345	264	517744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	839591	43.072	ng	0.00
7) Phenol-d6	6.393	99	1063774	43.280	ng	0.00
23) Nitrobenzene-d5	7.328	82	941003	42.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	221709	40.998	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1636247	44.323	ng	0.00
79) Terphenyl-d14	12.869	244	1620009	40.416	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	200311	20.783	ng	99
3) Pyridine	3.187	79	541231	20.886	ng	99
4) n-Nitrosodimethylamine	3.128	42	261209	20.961	ng	99
6) Aniline	6.428	93	686846	21.448	ng	98
8) 2-Chlorophenol	6.546	128	427750	21.792	ng	97
9) Benzaldehyde	6.310	77	336109	22.931	ng	99
10) Phenol	6.404	94	593427m	21.576	ng	
11) bis(2-Chloroethyl)ether	6.504	93	447279	21.598	ng	98
12) 1,3-Dichlorobenzene	6.710	146	467468	21.859	ng	97
13) 1,4-Dichlorobenzene	6.787	146	462527	21.664	ng	99
14) 1,2-Dichlorobenzene	6.940	146	440966	22.248	ng	98
15) Benzyl Alcohol	6.904	79	360337	21.879	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.045	45	757783	21.700	ng	99
17) 2-Methylphenol	7.016	107	374868	21.353	ng	99
18) Hexachloroethane	7.281	117	161448	21.562	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	310300	21.141	ng	96
20) 3+4-Methylphenols	7.169	107	463993	22.396	ng	# 77
22) Acetophenone	7.175	105	581493	21.628	ng	# 91
24) Nitrobenzene	7.345	77	482876	21.370	ng	95
25) Isophorone	7.587	82	832482	20.610	ng	100
26) 2-Nitrophenol	7.669	139	176892	20.253	ng	90
27) 2,4-Dimethylphenol	7.704	122	363486	21.087	ng	98
28) bis(2-Chloroethoxy)met...	7.804	93	522214	21.279	ng	99
29) 2,4-Dichlorophenol	7.904	162	341439	21.145	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	366439	21.087	ng	97
31) Naphthalene	8.075	128	1246723	21.454	ng	99
32) Benzoic acid	7.792	122	144486	16.999	ng	99
33) 4-Chloroaniline	8.122	127	506313	21.459	ng	96
34) Hexachlorobutadiene	8.198	225	205626	20.685	ng	99
35) Caprolactam	8.481	113	92863	20.123	ng	98
36) 4-Chloro-3-methylphenol	8.592	107	346154	21.013	ng	100
37) 2-Methylnaphthalene	8.763	142	842760	21.643	ng	98
38) 1-Methylnaphthalene	8.863	142	784824	21.605	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	347438	21.228	ng	100
41) Hexachlorocyclopentadiene	8.922	237	169164	20.082	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	214251	21.199	ng	98

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44) 2,4,5-Trichlorophenol	9.075	196	247310	20.984	ng	95
46) 1,1'-Biphenyl	9.228	154	989837	21.958	ng	98
47) 2-Chloronaphthalene	9.251	162	706060	21.389	ng	99
48) 2-Nitroaniline	9.339	65	195484	20.579	ng	99
49) Acenaphthylene	9.663	152	1128761	21.504	ng	99
50) Dimethylphthalate	9.528	163	789686	21.181	ng	99
51) 2,6-Dinitrotoluene	9.586	165	172858	21.184	ng	99
52) Acenaphthene	9.839	154	726769	21.320	ng	100
53) 3-Nitroaniline	9.751	138	197787	20.868	ng	99
54) 2,4-Dinitrophenol	9.851	184	59554	17.711	ng	# 91
55) Dibenzofuran	10.010	168	1028449	21.617	ng	97
56) 4-Nitrophenol	9.898	139	150516	20.924	ng	94
57) 2,4-Dinitrotoluene	9.986	165	215967	21.388	ng	95
58) Fluorene	10.351	166	752331	21.602	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	191544	21.129	ng	99
60) Diethylphthalate	10.228	149	724063	21.119	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	373789	21.895	ng	95
62) 4-Nitroaniline	10.357	138	185032	20.716	ng	99
63) Azobenzene	10.504	77	842992	21.543	ng	97
65) 4,6-Dinitro-2-methylph...	10.386	198	84688	18.414	ng	89
66) n-Nitrosodiphenylamine	10.463	169	675760	21.625	ng	98
67) 4-Bromophenyl-phenylether	10.833	248	220385	20.599	ng	# 93
68) Hexachlorobenzene	10.898	284	231418	20.935	ng	# 94
69) Atrazine	10.986	200	179178	21.208	ng	97
70) Pentachlorophenol	11.086	266	151184	20.807	ng	97
71) Phenanthrene	11.310	178	1114367	21.549	ng	100
72) Anthracene	11.363	178	1143024	21.697	ng	98
73) Carbazole	11.510	167	989351	21.363	ng	99
74) Di-n-butylphthalate	11.857	149	988791	21.304	ng	98
75) Fluoranthene	12.492	202	1106759	21.581	ng	99
77) Benzidine	12.616	184	190564	19.377	ng	99
78) Pyrene	12.722	202	1142626	20.089	ng	100
80) Butylbenzylphthalate	13.351	149	181502	18.471	ng	97
81) Benzo(a)anthracene	13.910	228	961603	20.972	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	211817	21.590	ng	97
83) Chrysene	13.945	228	934657	20.922	ng	98
84) Bis(2-ethylhexyl)phtha...	13.916	149	279150	19.281	ng	100
85) Di-n-octyl phthalate	14.527	149	364323	20.041	ng	94
87) Indeno(1,2,3-cd)pyrene	16.739	276	575111	18.774	ng	100
88) Benzo(b)fluoranthene	14.933	252	728634	21.891	ng	99
89) Benzo(k)fluoranthene	14.963	252	729555	21.447	ng	99
90) Benzo(a)pyrene	15.286	252	627395	20.868	ng	99
91) Dibenzo(a,h)anthracene	16.757	278	483851	18.931	ng	98
92) Benzo(g,h,i)perylene	17.157	276	476211	18.654	ng	99

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

