

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132846.D
 Acq On : 11 Apr 2023 12:20
 Operator : CG\JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2023
 Supervised By : Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 03:31:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 12 03:31:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	205110	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	818359	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	408373	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	721792	20.000	ng	0.00
76) Chrysene-d12	13.916	240	512702	20.000	ng	0.00
86) Perylene-d12	15.345	264	440841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	147556	11.176	ng	0.00
7) Phenol-d6	6.381	99	193449	11.361	ng	-0.02
23) Nitrobenzene-d5	7.322	82	172779	10.925	ng	-0.02
42) 2,4,6-Tribromophenol	10.586	330	34214	9.427	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	12.869	244	317691	10.736	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	117	13.161	ng	# 100
3) Pyridine	3.210	79	90991m	5.021	ng	
4) n-Nitrosodimethylamine	3.116	42	46254	5.284	ng	# 92
6) Aniline	6.422	93	116215m	5.280	ng	
8) 2-Chlorophenol	6.545	128	74822	5.634	ng	95
10) Phenol	6.393	94	107764m	5.621	ng	
11) bis(2-Chloroethyl)ether	6.498	93	81911	5.763	ng	99
12) 1,3-Dichlorobenzene	6.710	146	84635	5.776	ng	96
13) 1,4-Dichlorobenzene	6.787	146	87596	5.931	ng	98
14) 1,2-Dichlorobenzene	6.940	146	84852	6.117	ng	97
15) Benzyl Alcohol	6.904	79	55756	5.036	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	133076	5.607	ng	99
17) 2-Methylphenol	7.010	107	66376	5.482	ng	99
18) Hexachloroethane	7.287	117	29040	5.711	ng	93
19) n-Nitroso-di-n-propyla...	7.175	70	50997	5.260	ng	98
20) 3+4-Methylphenols	7.169	107	82596	5.708	ng	# 85
22) Acetophenone	7.175	105	115118	5.936	ng	# 97
24) Nitrobenzene	7.345	77	85772	5.353	ng	99
25) Isophorone	7.587	82	147357	5.226	ng	98
26) 2-Nitrophenol	7.663	139	24363	4.262	ng	98
27) 2,4-Dimethylphenol	7.698	122	59939	5.190	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	92220	5.511	ng	99
29) 2,4-Dichlorophenol	7.904	162	56603	5.163	ng	93
30) 1,2,4-Trichlorobenzene	7.992	180	68858	5.689	ng	99
31) Naphthalene	8.075	128	246235	5.896	ng	98
33) 4-Chloroaniline	8.122	127	88127	5.312	ng	97
34) Hexachlorobutadiene	8.198	225	36632	5.559	ng	99
36) 4-Chloro-3-methylphenol	8.592	107	59659	5.101	ng	97
37) 2-Methylnaphthalene	8.763	142	162438	5.816	ng	98
38) 1-Methylnaphthalene	8.863	142	154419	5.928	ng	96
40) 1,2,4,5-Tetrachloroben...	8.928	216	65684	5.762	ng	98
41) Hexachlorocyclopentadiene	8.922	237	30091	4.903	ng	95
43) 2,4,6-Trichlorophenol	9.039	196	35382	5.052	ng	98
44) 2,4,5-Trichlorophenol	9.069	196	42722	5.165	ng	96
46) 1,1'-Biphenyl	9.228	154	196495	5.970	ng	98
47) 2-Chloronaphthalene	9.251	162	140311	5.823	ng	97

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48) 2-Nitroaniline	9.339	65	24101	5.738	ng	94
49) Acenaphthylene	9.663	152	223568	5.740	ng	98
50) Dimethylphthalate	9.522	163	137275	5.206	ng	100
51) 2,6-Dinitrotoluene	9.581	165	29509	4.905	ng	95
52) Acenaphthene	9.839	154	142927	5.711	ng	98
53) 3-Nitroaniline	9.745	138	30272	4.350	ng	86
55) Dibenzofuran	10.010	168	207777	5.857	ng	99
56) 4-Nitrophenol	9.892	139	25655	4.677	ng	98
57) 2,4-Dinitrotoluene	9.981	165	31612	4.229	ng	93
58) Fluorene	10.351	166	157714	6.027	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.122	232	32348	5.135	ng	99
60) Diethylphthalate	10.228	149	100929	4.503	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	75480	6.063	ng	98
62) 4-Nitroaniline	10.351	138	27983	4.210	ng	97
63) Azobenzene	10.504	77	165350	5.663	ng	98
66) n-Nitrosodiphenylamine	10.457	169	121213	5.503	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	42236	5.513	ng	98
68) Hexachlorobenzene	10.898	284	43309	5.460	ng	98
69) Atrazine	10.986	200	21433	3.969	ng	96
70) Pentachlorophenol	11.086	266	24526	4.695	ng	100
71) Phenanthrene	11.304	178	231275	5.842	ng	99
72) Anthracene	11.357	178	235788	5.826	ng	98
73) Carbazole	11.510	167	196776	5.558	ng	99
74) Di-n-butylphthalate	11.857	149	46515	7.157	ng	# 92
75) Fluoranthene	12.492	202	217860	5.497	ng	99
77) Benzidine	12.616	184	5771	7.391	ng	98
78) Pyrene	12.722	202	227370	5.192	ng	98
80) Butylbenzylphthalate	13.345	149	4565	1.877	ng	# 81
81) Benzo(a)anthracene	13.904	228	180729	5.125	ng	98
82) 3,3'-Dichlorobenzidine	13.874	252	12345	6.656	ng	# 96
83) Chrysene	13.939	228	190668	5.493	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	7352	7.470	ng	96
87) Indeno(1,2,3-cd)pyrene	16.733	276	92855	7.057	ng	97
88) Benzo(b)fluoranthene	14.933	252	136100	4.784	ng	99
89) Benzo(k)fluoranthene	14.963	252	161847	5.538	ng	96
90) Benzo(a)pyrene	15.280	252	124911	4.895	ng	98
91) Dibenzo(a,h)anthracene	16.757	278	78120	6.855	ng	97
92) Benzo(g,h,i)perylene	17.151	276	77624	7.003	ng	99

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

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