

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082223\
 Data File : BF134887.D
 Acq On : 22 Aug 2023 15:42
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :mohammad ahmed 08/23/2023

Quant Time: Aug 22 19:02:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 17:47:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	175956	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	649915	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	322013	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	555919	20.000	ng	0.00
76) Chrysene-d12	13.980	240	253063	20.000	ng	0.00
86) Perylene-d12	15.457	264	331928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	994126	90.095	ng	0.00
7) Phenol-d6	6.440	99	1266408	89.819	ng	0.00
23) Nitrobenzene-d5	7.363	82	1118094	94.798	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	347048	91.509	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1835955	88.163	ng	0.00
79) Terphenyl-d14	12.927	244	1597979	83.769	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	224646	46.912	ng	99
3) Pyridine	3.287	79	605695	46.937	ng	99
4) n-Nitrosodimethylamine	3.263	42	278140	48.749	ng	98
6) Aniline	6.469	93	798575	45.826	ng	99
8) 2-Chlorophenol	6.587	128	521984	45.083	ng	98
9) Benzaldehyde	6.351	77	335056	43.409	ng	97
10) Phenol	6.451	94	647536	44.857	ng	97
11) bis(2-Chloroethyl)ether	6.540	93	503745	46.003	ng	98
12) 1,3-Dichlorobenzene	6.740	146	551254	45.650	ng	97
13) 1,4-Dichlorobenzene	6.816	146	547269	45.279	ng	99
14) 1,2-Dichlorobenzene	6.969	146	500151	43.097	ng	98
15) Benzyl Alcohol	6.946	79	445226	45.447	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	721902	45.527	ng	99
17) 2-Methylphenol	7.057	107	463166	46.222	ng	99
18) Hexachloroethane	7.304	117	200614	45.862	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	358218	43.501	ng	97
20) 3+4-Methylphenols	7.210	107	509988	47.268	ng	94
22) Acetophenone	7.210	105	650680	45.297	ng	96
24) Nitrobenzene	7.387	77	563629	47.624	ng	96
25) Isophorone	7.622	82	1035855	47.034	ng	100
26) 2-Nitrophenol	7.693	139	289136	49.073	ng	100
27) 2,4-Dimethylphenol	7.734	122	453091	47.148	ng	99
28) bis(2-Chloroethoxy)met...	7.834	93	611308	46.571	ng	99
29) 2,4-Dichlorophenol	7.940	162	447683	47.149	ng	97
30) 1,2,4-Trichlorobenzene	8.016	180	468944	46.520	ng	100
31) Naphthalene	8.098	128	1479386	45.587	ng	99
32) Benzoic acid	7.875	122	377400	53.317	ng	97
33) 4-Chloroaniline	8.151	127	648804	46.597	ng	99
34) Hexachlorobutadiene	8.216	225	280550	46.795	ng	98
35) Caprolactam	8.540	113	139193m	47.108	ng	
36) 4-Chloro-3-methylphenol	8.640	107	464454	46.353	ng	98
37) 2-Methylnaphthalene	8.792	142	976527	45.122	ng	98
38) 1-Methylnaphthalene	8.892	142	909892	44.962	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	456165	46.489	ng	100
41) Hexachlorocyclopentadiene	8.940	237	239567	52.615	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	305163	47.091	ng	100

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44) 2,4,5-Trichlorophenol	9.110	196	352013	46.919	ng	98
46) 1,1'-Biphenyl	9.257	154	1163143	45.753	ng	100
47) 2-Chloronaphthalene	9.281	162	879530	46.327	ng	99
48) 2-Nitroaniline	9.381	65	300294	48.117	ng	97
49) Acenaphthylene	9.698	152	1343729	45.959	ng	100
50) Dimethylphthalate	9.569	163	1052850	45.933	ng	100
51) 2,6-Dinitrotoluene	9.628	165	241329	47.736	ng	92
52) Acenaphthene	9.869	154	844803	45.866	ng	99
53) 3-Nitroaniline	9.798	138	260846	47.240	ng	94
54) 2,4-Dinitrophenol	9.904	184	122776	47.396	ng	91
55) Dibenzofuran	10.045	168	1206772	45.001	ng	97
56) 4-Nitrophenol	9.963	139	192012	49.899	ng	92
57) 2,4-Dinitrotoluene	10.034	165	295554	47.273	ng	94
58) Fluorene	10.386	166	898423	42.783	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	273907	46.859	ng	98
60) Diethylphthalate	10.269	149	957951	45.616	ng	99
61) 4-Chlorophenyl-phenyle...	10.381	204	450385	42.773	ng	99
62) 4-Nitroaniline	10.416	138	245383	47.538	ng	96
63) Azobenzene	10.545	77	962706	46.146	ng	96
65) 4,6-Dinitro-2-methylph...	10.445	198	175559	53.520	ng	87
66) n-Nitrosodiphenylamine	10.504	169	833548	46.561	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	304958	47.548	ng	98
68) Hexachlorobenzene	10.933	284	321450	47.126	ng	98
69) Atrazine	11.033	200	187938	50.019	ng	99
70) Pentachlorophenol	11.133	266	201147	49.000	ng	98
71) Phenanthrene	11.357	178	1339341	45.976	ng	99
72) Anthracene	11.404	178	1364243	45.707	ng	100
73) Carbazole	11.563	167	1136586	46.212	ng	99
74) Di-n-butylphthalate	11.898	149	1296541	45.963	ng	99
75) Fluoranthene	12.545	202	1247875	45.210	ng	99
77) Benzidine	12.669	184	137788	33.558	ng	99
78) Pyrene	12.775	202	1221506	45.525	ng	100
80) Butylbenzylphthalate	13.404	149	382720	46.817	ng	99
81) Benzo(a)anthracene	13.969	228	807996	46.797	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	267278	48.910	ng	# 98
83) Chrysene	14.010	228	811453	47.633	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	408559	46.137	ng	99
85) Di-n-octyl phthalate	14.586	149	718059	49.728	ng	100
87) Indeno(1,2,3-cd)pyrene	16.957	276	1133619	47.780	ng	100
88) Benzo(b)fluoranthene	15.027	252	885578	47.288	ng	98
89) Benzo(k)fluoranthene	15.057	252	871298	47.380	ng	99
90) Benzo(a)pyrene	15.398	252	894393	47.841	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	921011	47.977	ng	99
92) Benzo(g,h,i)perylene	17.415	276	944708	48.073	ng	98

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

