

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134860.D
 Acq On : 21 Aug 2023 10:52
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 11:12:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	194595	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	736902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	382798	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	665193	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	324120	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	406418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	924984	72.256	ng	0.00
7) Phenol-d6	6.440	99	1189884	72.713	ng	0.00
23) Nitrobenzene-d5	7.363	82	1045952	88.702	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	348403	89.282	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1817706	78.953	ng	-0.01
79) Terphenyl-d14	12.910	244	1649040	89.690	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.540	88	209054	35.494	ng	# 92
3) Pyridine	3.299	79	574514	35.997	ng	# 89
4) n-Nitrosodimethylamine	3.275	42	251256	32.948	ng	# 58
6) Aniline	6.463	93	757843	35.308	ng	94
8) 2-Chlorophenol	6.587	128	495959	38.406	ng	91
9) Benzaldehyde	6.351	77	319043	40.874	ng	97
10) Phenol	6.451	94	584051m	36.217	ng	
11) bis(2-Chloroethyl)ether	6.540	93	486935	38.010	ng	93
12) 1,3-Dichlorobenzene	6.740	146	519090m	38.851	ng	
13) 1,4-Dichlorobenzene	6.816	146	525252	39.226	ng	97
14) 1,2-Dichlorobenzene	6.963	146	476755	38.212	ng	98
15) Benzyl Alcohol	6.940	79	426259	37.758	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	726557	36.201	ng	91
17) 2-Methylphenol	7.051	107	442823	38.806	ng	94
18) Hexachloroethane	7.304	117	193096	41.087	ng	93
19) n-Nitroso-di-n-propyla...	7.216	70	354478	36.180	ng	90
20) 3+4-Methylphenols	7.204	107	488414	35.490	ng	# 84
22) Acetophenone	7.210	105	620937	36.500	ng	# 90
24) Nitrobenzene	7.381	77	534120	41.927	ng	96
25) Isophorone	7.622	82	1018789	39.612	ng	98
26) 2-Nitrophenol	7.692	139	273325	50.179	ng	# 89
27) 2,4-Dimethylphenol	7.734	122	440279	38.366	ng	85
28) bis(2-Chloroethoxy)met...	7.828	93	605978	39.387	ng	100
29) 2,4-Dichlorophenol	7.934	162	428963	41.185	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	455223	40.986	ng	98
31) Naphthalene	8.098	128	1442150	38.940	ng	99
32) Benzoic acid	7.863	122	341511	46.011	ng	90
33) 4-Chloroaniline	8.145	127	631410	38.263	ng	100
34) Hexachlorobutadiene	8.210	225	272080	42.469	ng	97
35) Caprolactam	8.534	113	141169	42.011	ng	# 87
36) 4-Chloro-3-methylphenol	8.634	107	455117	41.260	ng	90
37) 2-Methylnaphthalene	8.787	142	968689	39.460	ng	100
38) 1-Methylnaphthalene	8.887	142	902468	39.534	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	453554	40.745	ng	100
41) Hexachlorocyclopentadiene	8.934	237	172197	31.811	ng	92
43) 2,4,6-Trichlorophenol	9.063	196	306867	42.123	ng	97

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44) 2,4,5-Trichlorophenol	9.104	196	346580	41.625	ng	92
46) 1,1'-Biphenyl	9.251	154	1156792	38.861	ng	98
47) 2-Chloronaphthalene	9.275	162	870623	39.033	ng	99
48) 2-Nitroaniline	9.375	65	299624	43.412	ng	96
49) Acenaphthylene	9.692	152	1338683	38.182	ng	99
50) Dimethylphthalate	9.563	163	1086244	41.634	ng	99
51) 2,6-Dinitrotoluene	9.622	165	239242	44.923	ng	# 84
52) Acenaphthene	9.863	154	892674m	39.288	ng	
53) 3-Nitroaniline	9.792	138	255771	43.983	ng	98
54) 2,4-Dinitrophenol	9.898	184	109795	58.891	ng	# 82
55) Dibenzofuran	10.039	168	1213124	37.506	ng	95
56) 4-Nitrophenol	9.951	139	177997	37.424	ng	# 76
57) 2,4-Dinitrotoluene	10.028	165	295067	45.836	ng	# 87
58) Fluorene	10.381	166	892273	37.874	ng	95
59) 2,3,4,6-Tetrachlorophenol	10.157	232	273972	41.591	ng	97
60) Diethylphthalate	10.257	149	1021185	41.293	ng	98
61) 4-Chlorophenyl-phenyle...	10.375	204	464359	40.100	ng	93
62) 4-Nitroaniline	10.404	138	239954	42.098	ng	86
63) Azobenzene	10.533	77	977128	36.775	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	160115	57.460	ng	93
66) n-Nitrosodiphenylamine	10.498	169	856598	40.458	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	320630	44.032	ng	96
68) Hexachlorobenzene	10.928	284	324090	42.148	ng	96
69) Atrazine	11.028	200	226523	39.694	ng	99
70) Pentachlorophenol	11.122	266	197178	41.415	ng	97
71) Phenanthrene	11.345	178	1337720	37.861	ng	99
72) Anthracene	11.398	178	1365931	37.848	ng	99
73) Carbazole	11.551	167	1128475	35.020	ng	100
74) Di-n-butylphthalate	11.886	149	1462167	42.710	ng	99
75) Fluoranthene	12.533	202	1227088	32.878	ng	97
77) Benzidine	12.657	184	206363	29.330	ng	99
78) Pyrene	12.763	202	1192985	42.536	ng	98
80) Butylbenzylphthalate	13.392	149	438862	46.275	ng	# 96
81) Benzo(a)anthracene	13.957	228	850337	36.690	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	280929	41.818	ng	# 97
83) Chrysene	13.992	228	859910	38.083	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	511271	45.810	ng	99
85) Di-n-octyl phthalate	14.569	149	950236	55.989	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	990295	41.431	ng	# 92
88) Benzo(b)fluoranthene	15.010	252	933161	37.647	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	882981m	35.760	ng	
90) Benzo(a)pyrene	15.374	252	901445	39.005	ng	# 96
91) Dibenzo(a,h)anthracene	16.945	278	816298	42.258	ng	# 96
92) Benzo(g,h,i)perylene	17.380	276	759980	38.569	ng	# 94

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

