

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130717.D
 Acq On : 19 Oct 2022 18:29
 Operator : CG\JU
 Sample : N5133-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAS-SOIL-1013MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/20/2022
 Supervised By : mohammad ahmed 10/20/2022

Quant Time: Oct 20 02:45:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	80088	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	332753	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	171639	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	306325	20.000	ng	0.00
76) Chrysene-d12	13.715	240	205276	20.000	ng	0.00
86) Perylene-d12	15.086	264	170858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.192	112	539537	121.434	ng	0.02
7) Phenol-d6	6.234	99	677573	121.295	ng	0.00
23) Nitrobenzene-d5	7.145	82	488176	80.089	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	219932	130.953	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	820037	72.370	ng	-0.01
79) Terphenyl-d14	12.663	244	1022698	82.689	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	2.310	88	87253	32.460	ng	Qvalue # 85
3) Pyridine	2.969	79	172475	35.871	ng	98
4) n-Nitrosodimethylamine	2.887	42	114906	50.721	ng	95
6) Aniline	6.239	93	158897	23.759	ng	# 47
8) 2-Chlorophenol	6.363	128	268531	51.393	ng	98
9) Benzaldehyde	6.128	77	86719	24.709	ng	98
10) Phenol	6.245	94	290954	45.015	ng	83
11) bis(2-Chloroethyl)ether	6.316	93	231999	49.414	ng	97
12) 1,3-Dichlorobenzene	6.510	146	245424	42.899	ng	98
13) 1,4-Dichlorobenzene	6.587	146	253913	43.749	ng	98
14) 1,2-Dichlorobenzene	6.739	146	268333	49.643	ng	98
15) Benzyl Alcohol	6.739	79	184472	45.996	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.857	45	307887	50.972	ng	# 33
17) 2-Methylphenol	6.851	107	235454	56.650	ng	# 90
18) Hexachloroethane	7.075	117	107109	48.782	ng	98
19) n-Nitroso-di-n-propyla...	6.998	70	193200	53.606	ng	99
20) 3+4-Methylphenols	7.010	107	286311	51.408	ng	# 80
22) Acetophenone	6.992	105	400391	50.160	ng	94
24) Nitrobenzene	7.163	77	302392	49.331	ng	98
25) Isophorone	7.404	82	487811	48.084	ng	100
26) 2-Nitrophenol	7.481	139	150790	50.161	ng	96
27) 2,4-Dimethylphenol	7.528	122	231916	55.352	ng	99
28) bis(2-Chloroethoxy)met...	7.616	93	315454	53.702	ng	100
29) 2,4-Dichlorophenol	7.728	162	238366	50.850	ng	99
30) 1,2,4-Trichlorobenzene	7.798	180	202758	40.121	ng	98
31) Naphthalene	7.875	128	720072	41.804	ng	100
32) Benzoic acid	7.704	122	121547	45.856	ng	99
33) 4-Chloroaniline	7.939	127	167167	25.053	ng	97
34) Hexachlorobutadiene	7.986	225	149642	47.708	ng	99
35) Caprolactam	8.328	113	51495m	36.511	ng	
36) 4-Chloro-3-methylphenol	8.439	107	207443	40.797	ng	98
37) 2-Methylnaphthalene	8.563	142	440856	40.671	ng	99
38) 1-Methylnaphthalene	8.663	142	417297	39.657	ng	98
40) 1,2,4,5-Tetrachloroben...	8.733	216	206378	44.318	ng	99
41) Hexachlorocyclopentadiene	8.710	237	95911	57.139	ng	100
43) 2,4,6-Trichlorophenol	8.857	196	127963	40.925	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	138987	40.420	ng	98
46) 1,1'-Biphenyl	9.028	154	547857	44.044	ng	99
47) 2-Chloronaphthalene	9.051	162	427863	42.087	ng	98
48) 2-Nitroaniline	9.163	65	130319	42.583	ng	93
49) Acenaphthylene	9.463	152	648958	42.603	ng	99
50) Dimethylphthalate	9.339	163	516034	43.432	ng	99
51) 2,6-Dinitrotoluene	9.410	165	116328	44.634	ng	87
52) Acenaphthene	9.633	154	395682	42.874	ng	99
53) 3-Nitroaniline	9.580	138	86971	30.443	ng	96
54) 2,4-Dinitrophenol	9.698	184	111569	83.759	ng	99
55) Dibenzofuran	9.810	168	603684	42.939	ng	98
56) 4-Nitrophenol	9.769	139	70034	44.460	ng	93
57) 2,4-Dinitrotoluene	9.816	165	153668	45.877	ng	# 76
58) Fluorene	10.151	166	495504	42.869	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	119406	43.557	ng	94
60) Diethylphthalate	10.033	149	503427	42.467	ng	99
61) 4-Chlorophenyl-phenylether	10.145	204	227185	43.475	ng	95
62) 4-Nitroaniline	10.198	138	108131	39.643	ng	96
63) Azobenzene	10.304	77	452946	40.567	ng	98
65) 4,6-Dinitro-2-methylph...	10.222	198	80798	42.208	ng	86
66) n-Nitrosodiphenylamine	10.269	169	426685	41.875	ng	99
67) 4-Bromophenyl-phenylether	10.633	248	154130	44.469	ng	92
68) Hexachlorobenzene	10.692	284	174585	44.558	ng	96
69) Atrazine	10.804	200	140130	50.503	ng	98
70) Pentachlorophenol	10.904	266	117250	76.889	ng	97
71) Phenanthrene	11.110	178	710814	41.883	ng	100
72) Anthracene	11.157	178	728844	43.972	ng	100
73) Carbazole	11.322	167	658206	44.503	ng	100
74) Di-n-butylphthalate	11.651	149	776983	43.368	ng	99
75) Fluoranthene	12.292	202	752021	46.104	ng	98
77) Benzidine	12.427	184	54297	10.465	ng	98
78) Pyrene	12.516	202	828672	46.793	ng	99
80) Butylbenzylphthalate	13.139	149	354496	52.058	ng	93
81) Benzo(a)anthracene	13.704	228	562452	40.664	ng	100
82) 3,3'-Dichlorobenzidine	13.674	252	143204	35.828	ng	98
83) Chrysene	13.739	228	548344	41.813	ng	100
84) Bis(2-ethylhexyl)phtha...	13.698	149	351020	42.519	ng	98
85) Di-n-octyl phthalate	14.310	149	562989	44.528	ng	99
87) Indeno(1,2,3-cd)pyrene	16.380	276	489396	38.270	ng	99
88) Benzo(b)fluoranthene	14.710	252	518341	47.910	ng	99
89) Benzo(k)fluoranthene	14.739	252	503556	45.710	ng	99
90) Benzo(a)pyrene	15.033	252	393987	43.754	ng	99
91) Dibenzo(a,h)anthracene	16.386	278	426584	40.696	ng	98
92) Benzo(g,h,i)perylene	16.768	276	502222	51.441	ng	99

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

