

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131345.D
 Acq On : 22 Nov 2022 23:21
 Operator : CG\JU
 Sample : N5641-16MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-PILE-16MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 04:20:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	91621	20.000	ng	0.00
21) Naphthalene-d8	8.257	136	330171	20.000	ng	# 0.00
39) Acenaphthene-d10	10.021	164	177397	20.000	ng	0.00
64) Phenanthrene-d10	11.515	188	277262	20.000	ng	0.00
76) Chrysene-d12	14.174	240	179005	20.000	ng	0.00
86) Perylene-d12	15.709	264	196619	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	635061	131.919	ng	0.01
7) Phenol-d6	6.586	99	794888	129.416	ng	0.00
23) Nitrobenzene-d5	7.533	82	519327	79.288	ng	0.00
42) 2,4,6-Tribromophenol	10.816	330	200440	134.302	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	900259	73.830	ng	0.00
79) Terphenyl-d14	13.110	244	715751	65.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.857	88	98559	42.944	ng	99
3) Pyridine	3.604	79	257810	40.455	ng	98
4) n-Nitrosodimethylamine	3.575	42	169352	45.063	ng	99
6) Aniline	6.622	93	178998m	22.237	ng	
8) 2-Chlorophenol	6.745	128	271988	49.870	ng	99
9) Benzaldehyde	6.516	77	160120	43.228	ng	94
10) Phenol	6.598	94	325747	47.834	ng	97
11) bis(2-Chloroethyl)ether	6.698	93	264260	46.316	ng	99
12) 1,3-Dichlorobenzene	6.904	146	297474	45.765	ng	97
13) 1,4-Dichlorobenzene	6.980	146	298861	45.249	ng	98
14) 1,2-Dichlorobenzene	7.133	146	287803	47.325	ng	98
15) Benzyl Alcohol	7.104	79	244330	48.515	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	472256	43.280	ng	98
17) 2-Methylphenol	7.210	107	215822	46.429	ng	99
18) Hexachloroethane	7.480	117	113471	48.026	ng	98
19) n-Nitroso-di-n-propyla...	7.380	70	198320	44.107	ng	96
20) 3+4-Methylphenols	7.363	107	274712	46.286	ng	97
22) Acetophenone	7.375	105	385827	45.909	ng	99
24) Nitrobenzene	7.551	77	304797	44.664	ng	99
25) Isophorone	7.786	82	543859	46.541	ng	100
26) 2-Nitrophenol	7.869	139	127469	55.883	ng	95
27) 2,4-Dimethylphenol	7.898	122	242932	53.626	ng	100
28) bis(2-Chloroethoxy)met...	7.998	93	319722	48.171	ng	99
29) 2,4-Dichlorophenol	8.104	162	229223	46.648	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	262081	43.054	ng	99
31) Naphthalene	8.280	128	748607	42.547	ng	99
32) Benzoic acid	7.998	122	107052	40.485	ng	89
33) 4-Chloroaniline	8.322	127	46936	6.762	ng	96
34) Hexachlorobutadiene	8.392	225	169030	42.882	ng	98
35) Caprolactam	8.698	113	67024m	51.906	ng	
36) 4-Chloro-3-methylphenol	8.798	107	243371	47.671	ng	95
37) 2-Methylnaphthalene	8.969	142	508579	42.661	ng	100
38) 1-Methylnaphthalene	9.074	142	477416	41.298	ng	100
40) 1,2,4,5-Tetrachloroben...	9.133	216	267294	46.431	ng	99
41) Hexachlorocyclopentadiene	9.122	237	274613	106.113	ng	98
43) 2,4,6-Trichlorophenol	9.245	196	167386	51.255	ng	98

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44) 2,4,5-Trichlorophenol	9.280	196	172634	47.010	ng	96
46) 1,1'-Biphenyl	9.439	154	628440	46.422	ng	100
47) 2-Chloronaphthalene	9.463	162	483265	44.501	ng	98
48) 2-Nitroaniline	9.557	65	162554	49.299	ng	99
49) Acenaphthylene	9.880	152	735519	44.430	ng	100
50) Dimethylphthalate	9.739	163	561697	45.445	ng	98
51) 2,6-Dinitrotoluene	9.798	165	121302	49.074	ng	95
52) Acenaphthene	10.057	154	478999	46.208	ng	99
53) 3-Nitroaniline	9.969	138	55036	21.668	ng	95
54) 2,4-Dinitrophenol	10.074	184	74080	69.773	ng	# 83
55) Dibenzofuran	10.227	168	642878	43.107	ng	99
56) 4-Nitrophenol	10.121	139	164123	93.106	ng	99
57) 2,4-Dinitrotoluene	10.204	165	152971	49.186	ng	99
58) Fluorene	10.574	166	489012	42.015	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.339	232	139434	45.593	ng	99
60) Diethylphthalate	10.439	149	527860	45.230	ng	98
61) 4-Chlorophenyl-phenyle...	10.563	204	258514	43.326	ng	98
62) 4-Nitroaniline	10.586	138	103566	40.971	ng	99
63) Azobenzene	10.727	77	516896	41.191	ng	94
65) 4,6-Dinitro-2-methylph...	10.610	198	54863	46.550	ng	86
66) n-Nitrosodiphenylamine	10.680	169	427910	48.434	ng	99
67) 4-Bromophenyl-phenylether	11.057	248	161380	47.490	ng	99
68) Hexachlorobenzene	11.116	284	169918	47.112	ng	99
69) Atrazine	11.210	200	148757	54.687	ng	99
70) Pentachlorophenol	11.310	266	160736	76.899	ng	99
71) Phenanthrene	11.539	178	651678	43.491	ng	99
72) Anthracene	11.592	178	654950	44.476	ng	100
73) Carbazole	11.745	167	542166	43.161	ng	99
74) Di-n-butylphthalate	12.074	149	701520	47.394	ng	100
75) Fluoranthene	12.733	202	613696	38.868	ng	99
77) Benzidine	12.857	184	192354	58.175	ng	97
78) Pyrene	12.968	202	604613	38.283	ng	100
80) Butylbenzylphthalate	13.586	149	228888	43.502	ng	98
81) Benzo(a)anthracene	14.162	228	534094	43.529	ng	99
82) 3,3'-Dichlorobenzidine	14.121	252	83625	25.684	ng	99
83) Chrysene	14.198	228	513787	42.681	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	313857	44.783	ng	99
85) Di-n-octyl phthalate	14.774	149	552800	53.353	ng	98
87) Indeno(1,2,3-cd)pyrene	17.292	276	512270	38.791	ng	100
88) Benzo(b)fluoranthene	15.256	252	572131	43.802	ng	99
89) Benzo(k)fluoranthene	15.286	252	559678	41.695	ng	99
90) Benzo(a)pyrene	15.650	252	511675	47.742	ng	99
91) Dibenzo(a,h)anthracene	17.315	278	437214	40.101	ng	98
92) Benzo(g,h,i)perylene	17.774	276	395235	36.321	ng	100

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

