

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
 Data File : BF132207.D
 Acq On : 27 Jan 2023 19:56
 Operator : CG\JU
 Sample : N3980-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 28 04:02:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	231541	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	830345	20.000	ng	0.00
39) Acenaphthene-d10	10.131	164	447134	20.000	ng	0.00
64) Phenanthrene-d10	11.631	188	817777	20.000	ng	0.00
76) Chrysene-d12	14.289	240	505630	20.000	ng	0.00
86) Perylene-d12	15.883	264	403454	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1368040	98.305	ng	0.00
7) Phenol-d6	6.696	99	1692172	96.978	ng	0.00
23) Nitrobenzene-d5	7.643	82	1055019	66.518	ng	0.00
42) 2,4,6-Tribromophenol	10.925	330	465471	112.422	ng	0.00
45) 2-Fluorobiphenyl	9.442	172	1879705	61.858	ng	0.00
79) Terphenyl-d14	13.225	244	2020971	62.797	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	52391	7.480	ng	96
3) Pyridine	3.802	79	120334	6.255	ng	99
4) n-Nitrosodimethylamine	3.719	42	43910	6.820	ng	# 93
6) Aniline	6.743	93	183618m	7.515	ng	
8) 2-Chlorophenol	6.860	128	116623	8.358	ng	99
9) Benzaldehyde	6.631	77	100152	7.506	ng	97
10) Phenol	6.701	94	144807	7.972	ng	96
11) bis(2-Chloroethyl)ether	6.807	93	122527	7.820	ng	95
12) 1,3-Dichlorobenzene	7.019	146	133114	8.581	ng	98
13) 1,4-Dichlorobenzene	7.096	146	134727	8.712	ng	99
14) 1,2-Dichlorobenzene	7.248	146	126354	8.795	ng	99
15) Benzyl Alcohol	7.207	79	108538m	8.465	ng	
16) 2,2'-oxybis(1-Chloropr...	7.348	45	140929	7.920	ng	99
17) 2-Methylphenol	7.307	107	94878	7.478	ng	96
18) Hexachloroethane	7.596	117	46417	8.168	ng	93
19) n-Nitroso-di-n-propyla...	7.478	70	82991	7.902	ng	99
20) 3+4-Methylphenols	7.460	107	124442	7.804	ng	87
22) Acetophenone	7.478	105	172633	8.503	ng	99
24) Nitrobenzene	7.660	77	125752	7.669	ng	94
25) Isophorone	7.890	82	227558	7.460	ng	98
26) 2-Nitrophenol	7.972	139	49034	9.424	ng	97
27) 2,4-Dimethylphenol	7.995	122	94800	7.432	ng	97
28) bis(2-Chloroethoxy)met...	8.101	93	149406	7.956	ng	98
29) 2,4-Dichlorophenol	8.207	162	95330	8.004	ng	99
30) 1,2,4-Trichlorobenzene	8.301	180	112139	8.196	ng	99
31) Naphthalene	8.390	128	345899	8.419	ng	98
32) Benzoic acid	8.043	122	35380m	10.807	ng	
33) 4-Chloroaniline	8.425	127	137335	7.711	ng	99
34) Hexachlorobutadiene	8.501	225	69625	8.146	ng	99
35) Caprolactam	8.760	113	26151	7.755	ng	86
36) 4-Chloro-3-methylphenol	8.895	107	92126	7.554	ng	98
37) 2-Methylnaphthalene	9.078	142	229720	8.149	ng	100
38) 1-Methylnaphthalene	9.178	142	216652	8.285	ng	99
40) 1,2,4,5-Tetrachloroben...	9.242	216	117359	7.821	ng	98
41) Hexachlorocyclopentadiene	9.231	237	58883	7.725	ng	99
43) 2,4,6-Trichlorophenol	9.348	196	68534	7.485	ng	99

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44) 2,4,5-Trichlorophenol	9.384	196	74818	6.978	ng	97
46) 1,1'-Biphenyl	9.542	154	288012	8.358	ng	98
47) 2-Chloronaphthalene	9.572	162	217994	8.151	ng	97
48) 2-Nitroaniline	9.660	65	50311	7.005	ng	93
49) Acenaphthylene	9.989	152	329312	7.925	ng	99
50) Dimethylphthalate	9.831	163	240294	7.919	ng	99
51) 2,6-Dinitrotoluene	9.901	165	48175	7.473	ng	# 83
52) Acenaphthene	10.166	154	204108	7.989	ng	99
53) 3-Nitroaniline	10.072	138	51939	7.281	ng	88
54) 2,4-Dinitrophenol	10.172	184	12070	10.106	ng	# 1
55) Dibenzofuran	10.336	168	310527	8.113	ng	93
56) 4-Nitrophenol	10.207	139	33266	6.454	ng	97
57) 2,4-Dinitrotoluene	10.301	165	59504	7.497	ng	89
58) Fluorene	10.678	166	239632	8.197	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.448	232	56036	7.355	ng	98
60) Diethylphthalate	10.536	149	228615	7.729	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	120912	7.840	ng	91
62) 4-Nitroaniline	10.684	138	46918	7.010	ng	88
63) Azobenzene	10.831	77	228673	7.325	ng	98
65) 4,6-Dinitro-2-methylph...	10.707	198	19391	9.396	ng	88
66) n-Nitrosodiphenylamine	10.784	169	201590	7.850	ng	98
67) 4-Bromophenyl-phenylether	11.166	248	69635	7.397	ng	98
68) Hexachlorobenzene	11.231	284	78208	8.384	ng	93
69) Atrazine	11.307	200	61441	8.336	ng	99
70) Pentachlorophenol	11.419	266	30269	4.916	ng	97
71) Phenanthrene	11.654	178	342667	8.237	ng	96
72) Anthracene	11.701	178	341112	8.052	ng	97
73) Carbazole	11.854	167	294003	8.079	ng	99
74) Di-n-butylphthalate	12.178	149	321470	7.764	ng	98
75) Fluoranthene	12.848	202	335947	7.936	ng	98
77) Benzidine	12.966	184	109761	8.317	ng	96
78) Pyrene	13.083	202	343958	7.260	ng	98
80) Butylbenzylphthalate	13.695	149	97932	7.667	ng	91
81) Benzo(a)anthracene	14.277	228	263480	7.411	ng	98
82) 3,3'-Dichlorobenzidine	14.236	252	71082	7.378	ng	97
83) Chrysene	14.313	228	244992	7.395	ng	98
84) Bis(2-ethylhexyl)phtha...	14.254	149	134516	7.154	ng	# 98
85) Di-n-octyl phthalate	14.889	149	144527	9.472	ng	99
87) Indeno(1,2,3-cd)pyrene	17.524	276	153869	5.768	ng	99
88) Benzo(b)fluoranthene	15.395	252	184720	7.455	ng	99
89) Benzo(k)fluoranthene	15.430	252	197260	7.715	ng	99
90) Benzo(a)pyrene	15.807	252	151112	6.462	ng	98
91) Dibenzo(a,h)anthracene	17.548	278	134616	6.172	ng	98
92) Benzo(g,h,i)perylene	18.024	276	133818	6.018	ng	99

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

