

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132156.D
 Acq On : 20 Jan 2023 11:07
 Operator : CG\JU
 Sample : N3980-02
 Misc : LOQ-SOIL-5ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Jan 21 02:30:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 02:30:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	179664	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	622297	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	338191	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	666082	20.000	ng	0.00
76) Chrysene-d12	14.301	240	515805	20.000	ng	0.00
86) Perylene-d12	15.901	264	384384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1051575	102.245	ng	0.00
7) Phenol-d6	6.701	99	1349439	104.230	ng	0.00
23) Nitrobenzene-d5	7.654	82	856674	73.131	ng	0.00
42) 2,4,6-Tribromophenol	10.936	330	422281	116.898	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1488064	64.295	ng	0.00
79) Terphenyl-d14	13.236	244	1798209	58.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.031	88	26480	5.082	ng	100
3) Pyridine	3.819	79	68640	4.907	ng	97
4) n-Nitrosodimethylamine	3.731	42	33639	5.114	ng	99
6) Aniline	6.754	93	99943	5.573	ng	95
8) 2-Chlorophenol	6.872	128	62934	5.821	ng	98
9) Benzaldehyde	6.643	77	53659	6.442	ng	99
10) Phenol	6.713	94	76103	5.646	ng	97
11) bis(2-Chloroethyl)ether	6.819	93	67954	5.956	ng	93
12) 1,3-Dichlorobenzene	7.031	146	74760	6.186	ng	98
13) 1,4-Dichlorobenzene	7.107	146	74857	6.208	ng	96
14) 1,2-Dichlorobenzene	7.260	146	70348	6.309	ng	97
15) Benzyl Alcohol	7.219	79	45242	4.569	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.354	45	95155	5.738	ng	97
17) 2-Methylphenol	7.319	107	51003	5.385	ng	96
18) Hexachloroethane	7.607	117	25565	5.906	ng	93
19) n-Nitroso-di-n-propyla...	7.484	70	47400	5.977	ng	98
20) 3+4-Methylphenols	7.472	107	67115	5.624	ng	95
22) Acetophenone	7.490	105	87921	5.878	ng	97
24) Nitrobenzene	7.666	77	73271	5.908	ng	96
25) Isophorone	7.901	82	124660	5.439	ng	98
26) 2-Nitrophenol	7.984	139	23930	6.065	ng	99
27) 2,4-Dimethylphenol	8.007	122	46906	4.729	ng	97
28) bis(2-Chloroethoxy)met...	8.107	93	78989	5.744	ng	98
29) 2,4-Dichlorophenol	8.219	162	52137	5.537	ng	97
30) 1,2,4-Trichlorobenzene	8.313	180	63185	5.908	ng	99
31) Naphthalene	8.395	128	193067	6.041	ng	99
32) Benzoic acid	8.048	122	18052	3.108	ng	# 84
33) 4-Chloroaniline	8.437	127	77119	5.639	ng	98
34) Hexachlorobutadiene	8.513	225	42362	5.896	ng	98
35) Caprolactam	8.766	113	13114	4.911	ng	94
36) 4-Chloro-3-methylphenol	8.901	107	51994	5.487	ng	98
37) 2-Methylnaphthalene	9.089	142	129754	5.897	ng	99
38) 1-Methylnaphthalene	9.189	142	123564	6.035	ng	96
40) 1,2,4,5-Tetrachloroben...	9.254	216	65723	5.585	ng	99
41) Hexachlorocyclopentadiene	9.242	237	27883	4.342	ng	99
43) 2,4,6-Trichlorophenol	9.360	196	37844	5.182	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	43876	5.137	ng	99
46) 1,1'-Biphenyl	9.554	154	157515	5.904	ng	99
47) 2-Chloronaphthalene	9.584	162	126602	6.138	ng	97
48) 2-Nitroaniline	9.672	65	29340	4.941	ng	94
49) Acenaphthylene	10.001	152	191146	5.793	ng	99
50) Dimethylphthalate	9.842	163	140246	5.726	ng	100
51) 2,6-Dinitrotoluene	9.907	165	25641	5.401	ng	89
52) Acenaphthene	10.172	154	116860	5.888	ng	99
53) 3-Nitroaniline	10.078	138	27260	5.371	ng	99
54) 2,4-Dinitrophenol	10.184	184	7540	4.119	ng	# 1
55) Dibenzofuran	10.348	168	182121	5.938	ng	97
56) 4-Nitrophenol	10.219	139	18118	4.905	ng	98
57) 2,4-Dinitrotoluene	10.313	165	29104	5.107	ng	# 93
58) Fluorene	10.689	166	142255	6.260	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.460	232	34358	5.288	ng	99
60) Diethylphthalate	10.548	149	135323	5.634	ng	98
61) 4-Chlorophenyl-phenyle...	10.683	204	71504	5.876	ng	94
62) 4-Nitroaniline	10.689	138	26113	5.526	ng	95
63) Azobenzene	10.842	77	135582	5.624	ng	97
65) 4,6-Dinitro-2-methylph...	10.719	198	10612	3.675	ng	94
66) n-Nitrosodiphenylamine	10.795	169	121435	5.693	ng	98
67) 4-Bromophenyl-phenylether	11.178	248	43623	5.373	ng	90
68) Hexachlorobenzene	11.242	284	48836	6.052	ng	96
69) Atrazine	11.319	200	35085	5.331	ng	98
70) Pentachlorophenol	11.430	266	21201	4.089	ng	97
71) Phenanthrene	11.666	178	214744	6.144	ng	99
72) Anthracene	11.713	178	211626	5.984	ng	98
73) Carbazole	11.866	167	189047	6.259	ng	98
74) Di-n-butylphthalate	12.189	149	190779	5.674	ng	99
75) Fluoranthene	12.860	202	228651	6.368	ng	97
77) Benzidine	12.977	184	73464	4.744	ng	96
78) Pyrene	13.095	202	238909	5.026	ng	98
80) Butylbenzylphthalate	13.707	149	62374	4.528	ng	96
81) Benzo(a)anthracene	14.289	228	201545	5.469	ng	98
82) 3,3'-Dichlorobenzidine	14.248	252	45473	4.431	ng	98
83) Chrysene	14.324	228	191442	5.458	ng	98
84) Bis(2-ethylhexyl)phtha...	14.266	149	84757	4.659	ng	100
85) Di-n-octyl phthalate	14.901	149	90941	8.592	ng	97
87) Indeno(1,2,3-cd)pyrene	17.554	276	106748	3.827	ng	98
88) Benzo(b)fluoranthene	15.413	252	137165	5.861	ng	99
89) Benzo(k)fluoranthene	15.448	252	143742	6.022	ng	96
90) Benzo(a)pyrene	15.824	252	104772	4.654	ng	99
91) Dibenzo(a,h)anthracene	17.577	278	94675	4.162	ng	98
92) Benzo(g,h,i)perylene	18.059	276	95992	4.010	ng	97

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

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