

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127300.D
 Acq On : 11 Mar 2022 14:46
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 11 15:07:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 12:42:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	112577	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	397327	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	233225	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	417432	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	345727	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	287405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	609996	87.105	ng	0.00
7) Phenol-d6	6.504	99	848461	88.073	ng	0.00
23) Nitrobenzene-d5	7.434	82	578058	60.083	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	224625	89.469	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	968786	58.727	ng	0.00
79) Terphenyl-d14	12.992	244	1126542	56.109	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	29212	8.045	ng	# 85
3) Pyridine	3.446	79	72217	7.474	ng	# 72
4) n-Nitrosodimethylamine	3.363	42	42273	7.896	ng	# 65
6) Aniline	6.534	93	117092	10.170	ng	95
8) 2-Chlorophenol	6.657	128	65810	9.084	ng	97
9) Benzaldehyde	6.428	77	65582	11.678	ng	94
10) Phenol	6.516	94	95927	9.065	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	72946	9.282	ng	90
12) 1,3-Dichlorobenzene	6.810	146	75830	9.325	ng	99
13) 1,4-Dichlorobenzene	6.886	146	76045	9.321	ng	98
14) 1,2-Dichlorobenzene	7.039	146	71444	9.305	ng	94
15) Benzyl Alcohol	7.010	79	67614	9.364	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.139	45	134086	9.092	ng	99
17) 2-Methylphenol	7.116	107	56413	9.160	ng	# 91
18) Hexachloroethane	7.375	117	28016	8.940	ng	# 81
19) n-Nitroso-di-n-propyla...	7.275	70	56081	9.329	ng	# 85
20) 3+4-Methylphenols	7.275	107	72549	9.083	ng	# 61
22) Acetophenone	7.275	105	100562	9.244	ng	# 89
24) Nitrobenzene	7.451	77	85387	9.383	ng	93
25) Isophorone	7.686	82	152327	9.846	ng	97
26) 2-Nitrophenol	7.769	139	33492	8.888	ng	# 79
27) 2,4-Dimethylphenol	7.798	122	60216	10.645	ng	95
28) bis(2-Chloroethoxy)met...	7.898	93	91014	9.285	ng	98
29) 2,4-Dichlorophenol	8.010	162	58702	9.061	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	67891	9.192	ng	98
31) Naphthalene	8.175	128	202214	9.541	ng	99
32) Benzoic acid	7.898	122	28446	8.104	ng	85
33) 4-Chloroaniline	8.222	127	81055	9.866	ng	# 93
34) Hexachlorobutadiene	8.281	225	42984	8.727	ng	98
35) Caprolactam	8.569	113	18064	9.334	ng	# 63
36) 4-Chloro-3-methylphenol	8.704	107	63253	9.008	ng	97
37) 2-Methylnaphthalene	8.863	142	133372	9.630	ng	98
38) 1-Methylnaphthalene	8.963	142	128167	9.626	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	68781	9.316	ng	# 95
41) Hexachlorocyclopentadiene	9.010	237	27312	10.527	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	39833	8.548	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	39575	8.002	ng	93
46) 1,1'-Biphenyl	9.328	154	171483	9.742	ng	97
47) 2-Chloronaphthalene	9.357	162	127929	9.336	ng	96
48) 2-Nitroaniline	9.451	65	46767	8.871	ng	85
49) Acenaphthylene	9.769	152	213229	10.169	ng	98
50) Dimethylphthalate	9.622	163	151801	9.083	ng	99
51) 2,6-Dinitrotoluene	9.692	165	32052	9.481	ng	92
52) Acenaphthene	9.939	154	117552	9.405	ng	98
53) 3-Nitroaniline	9.863	138	33859	9.191	ng	95
54) 2,4-Dinitrophenol	9.980	184	15991	9.600	ng	94
55) Dibenzofuran	10.116	168	180970	9.319	ng	97
56) 4-Nitrophenol	10.033	139	17118	7.645	ng	# 77
57) 2,4-Dinitrotoluene	10.098	165	42365	9.525	ng	# 93
58) Fluorene	10.457	166	140558	9.335	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	32662	7.947	ng	# 82
60) Diethylphthalate	10.327	149	139798	9.171	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	75256	9.222	ng	# 86
62) 4-Nitroaniline	10.480	138	33282	9.066	ng	88
63) Azobenzene	10.610	77	158538	9.047	ng	91
65) 4,6-Dinitro-2-methylph...	10.510	198	23109	8.979	ng	91
66) n-Nitrosodiphenylamine	10.569	169	121629	9.382	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	44762	8.896	ng	95
68) Hexachlorobenzene	11.004	284	50096	9.135	ng	# 89
69) Atrazine	11.092	200	45975	10.277	ng	94
70) Pentachlorophenol	11.210	266	22410	10.121	ng	98
71) Phenanthrene	11.427	178	208481	9.461	ng	99
72) Anthracene	11.474	178	213099	9.765	ng	99
73) Carbazole	11.633	167	186792	9.089	ng	98
74) Di-n-butylphthalate	11.957	149	224836	9.354	ng	98
75) Fluoranthene	12.616	202	232625	9.442	ng	93
77) Benzidine	12.739	184	121682	13.840	ng	97
78) Pyrene	12.845	202	239455	8.892	ng	99
80) Butylbenzylphthalate	13.457	149	89552	8.641	ng	# 94
81) Benzo(a)anthracene	14.039	228	211187	9.072	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	73154	10.107	ng	# 96
83) Chrysene	14.074	228	200649	9.267	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	129837	9.307	ng	98
85) Di-n-octyl phthalate	14.627	149	203824	9.653	ng	# 97
87) Indeno(1,2,3-cd)pyrene	17.039	276	134845	7.788	ng	# 86
88) Benzo(b)fluoranthene	15.098	252	176330	9.347	ng	# 92
89) Benzo(k)fluoranthene	15.127	252	172922	9.749	ng	# 92
90) Benzo(a)pyrene	15.468	252	157382	10.594	ng	# 93
91) Dibenzo(a,h)anthracene	17.051	278	116431	8.080	ng	# 91
92) Benzo(g,h,i)perylene	17.492	276	110732	7.878	ng	# 87

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

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