

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127299.D
 Acq On : 11 Mar 2022 13:02
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/14/2022
 Supervised By : Jagrut Upadhyay 03/14/2022

Quant Time: Mar 11 13:40:44 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	100645	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	357962	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	214086	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	391270	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	317323	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	219691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	594563	94.967	ng	0.00
7) Phenol-d6	6.504	99	811574	94.231	ng	0.00
23) Nitrobenzene-d5	7.433	82	579922	66.906	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	219455	95.224	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	960447	63.426	ng	0.00
79) Terphenyl-d14	12.992	244	1122931	60.936	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	13732	4.230	ng	# 84
3) Pyridine	3.475	79	32062	3.712	ng	# 81
4) n-Nitrosodimethylamine	3.369	42	19645	4.105	ng	# 64
6) Aniline	6.534	93	56417	5.481	ng	95
8) 2-Chlorophenol	6.651	128	32802	5.065	ng	89
9) Benzaldehyde	6.422	77	32399	6.453	ng	84
10) Phenol	6.510	94	47101	4.978	ng	# 63
11) bis(2-Chloroethyl)ether	6.604	93	35821	5.098	ng	93
12) 1,3-Dichlorobenzene	6.810	146	37013	5.091	ng	98
13) 1,4-Dichlorobenzene	6.886	146	37209	5.102	ng	98
14) 1,2-Dichlorobenzene	7.039	146	34500	5.026	ng	96
15) Benzyl Alcohol	7.010	79	34675	5.371	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	7.139	45	65088	4.937	ng	98
17) 2-Methylphenol	7.116	107	27191	4.938	ng	96
18) Hexachloroethane	7.375	117	13681	4.883	ng	# 84
19) n-Nitroso-di-n-propyla...	7.269	70	26908	5.007	ng	# 85
20) 3+4-Methylphenols	7.275	107	36008	5.043	ng	# 48
22) Acetophenone	7.275	105	48787	4.978	ng	# 91
24) Nitrobenzene	7.451	77	41784	5.097	ng	# 97
25) Isophorone	7.680	82	72048	5.169	ng	98
26) 2-Nitrophenol	7.769	139	15741	4.636	ng	# 76
27) 2,4-Dimethylphenol	7.798	122	28373	5.567	ng	92
28) bis(2-Chloroethoxy)met...	7.898	93	44295	5.016	ng	98
29) 2,4-Dichlorophenol	8.010	162	28519	4.886	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	32448	4.876	ng	96
31) Naphthalene	8.175	128	100398	5.258	ng	99
32) Benzoic acid	7.892	122	8446m	2.671	ng	
33) 4-Chloroaniline	8.222	127	39639	5.356	ng	93
34) Hexachlorobutadiene	8.280	225	20974	4.727	ng	97
35) Caprolactam	8.557	113	8198	4.702	ng	# 62
36) 4-Chloro-3-methylphenol	8.704	107	29885	4.724	ng	98
37) 2-Methylnaphthalene	8.863	142	64932	5.204	ng	97
38) 1-Methylnaphthalene	8.963	142	63338	5.280	ng	98
40) 1,2,4,5-Tetrachloroben...	9.027	216	34049	5.024	ng	# 95
41) Hexachlorocyclopentadiene	9.010	237	5392	2.264	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	18758	4.385	ng	97

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44) 2,4,5-Trichlorophenol	9.186	196	19497m	4.295	ng	
46) 1,1'-Biphenyl	9.327	154	87119	5.392	ng	98
47) 2-Chloronaphthalene	9.351	162	62988	5.008	ng	98
48) 2-Nitroaniline	9.451	65	22042	4.555	ng	89
49) Acenaphthylene	9.769	152	103950	5.400	ng	97
50) Dimethylphthalate	9.622	163	72207	4.707	ng	# 97
51) 2,6-Dinitrotoluene	9.692	165	15125	4.874	ng	94
52) Acenaphthene	9.939	154	58548	5.103	ng	96
53) 3-Nitroaniline	9.863	138	16008	4.734	ng	86
54) 2,4-Dinitrophenol	9.986	184	2608m	1.706	ng	
55) Dibenzofuran	10.116	168	91137	5.113	ng	96
56) 4-Nitrophenol	10.039	139	7163	3.485	ng	# 76
57) 2,4-Dinitrotoluene	10.098	165	20227	4.954	ng	# 95
58) Fluorene	10.457	166	71327	5.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	16966	4.497	ng	# 74
60) Diethylphthalate	10.321	149	69059	4.935	ng	97
61) 4-Chlorophenyl-phenyle...	10.451	204	37534	5.011	ng	# 82
62) 4-Nitroaniline	10.474	138	15779	4.683	ng	82
63) Azobenzene	10.610	77	77048	4.790	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	6640	2.752	ng	84
66) n-Nitrosodiphenylamine	10.569	169	60283	4.961	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	22075	4.680	ng	95
68) Hexachlorobenzene	11.004	284	23874	4.645	ng	# 90
69) Atrazine	11.092	200	21516	5.131	ng	92
70) Pentachlorophenol	11.210	266	4320	2.082	ng	# 88
71) Phenanthrene	11.421	178	104289	5.049	ng	99
72) Anthracene	11.474	178	105921	5.178	ng	99
73) Carbazole	11.633	167	93394	4.848	ng	98
74) Di-n-butylphthalate	11.957	149	108527	4.817	ng	99
75) Fluoranthene	12.615	202	116067	5.026	ng	93
77) Benzidine	12.739	184	54838	6.796	ng	95
78) Pyrene	12.845	202	117301	4.746	ng	98
80) Butylbenzylphthalate	13.457	149	40637	4.272	ng	# 97
81) Benzo(a)anthracene	14.039	228	102998	4.821	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	32517	4.895	ng	# 95
83) Chrysene	14.074	228	97141	4.888	ng	99
84) Bis(2-ethylhexyl)phtha...	14.009	149	60675	4.738	ng	# 96
85) Di-n-octyl phthalate	14.627	149	91253	4.708	ng	95
87) Indeno(1,2,3-cd)pyrene	17.039	276	52892	3.997	ng	# 84
88) Benzo(b)fluoranthene	15.098	252	79226	5.494	ng	# 90
89) Benzo(k)fluoranthene	15.127	252	78420	5.784	ng	# 94
90) Benzo(a)pyrene	15.468	252	62742	5.525	ng	# 91
91) Dibenzo(a,h)anthracene	17.050	278	45964	4.173	ng	# 92
92) Benzo(g,h,i)perylene	17.492	276	43220	4.023	ng	# 80

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

