

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031122\
 Data File : BF127301.D
 Acq On : 11 Mar 2022 15:53
 Operator : CG\JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 11 16:26:19 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	120690	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	421431	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	246193	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	437759	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	349905	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	282378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	579945	77.247	ng	0.00
7) Phenol-d6	6.504	99	805838	78.025	ng	0.00
23) Nitrobenzene-d5	7.434	82	553171	54.208	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	215652	81.370	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	937446	53.834	ng	0.00
79) Terphenyl-d14	12.992	244	1063090	52.317	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	26068	6.697	ng	# 80
3) Pyridine	3.469	79	65169	6.291	ng	# 68
4) n-Nitrosodimethylamine	3.393	42	38855	6.770	ng	# 63
6) Aniline	6.534	93	110715	8.970	ng	95
8) 2-Chlorophenol	6.657	128	62418	8.037	ng	99
9) Benzaldehyde	6.422	77	62952	10.456	ng	92
10) Phenol	6.510	94	91741	8.086	ng	80
11) bis(2-Chloroethyl)ether	6.604	93	69374	8.234	ng	95
12) 1,3-Dichlorobenzene	6.810	146	70904	8.133	ng	98
13) 1,4-Dichlorobenzene	6.887	146	71678	8.195	ng	98
14) 1,2-Dichlorobenzene	7.040	146	66918	8.129	ng	95
15) Benzyl Alcohol	7.010	79	61700	7.970	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.140	45	124017	7.844	ng	99
17) 2-Methylphenol	7.116	107	52360	7.930	ng	# 95
18) Hexachloroethane	7.375	117	26408	7.860	ng	# 79
19) n-Nitroso-di-n-propyla...	7.275	70	52777	8.189	ng	# 86
20) 3+4-Methylphenols	7.275	107	71176	8.312	ng	# 57
22) Acetophenone	7.275	105	96269	8.343	ng	# 90
24) Nitrobenzene	7.451	77	80195	8.309	ng	96
25) Isophorone	7.687	82	143568	8.749	ng	98
26) 2-Nitrophenol	7.769	139	31968	7.998	ng	# 83
27) 2,4-Dimethylphenol	7.798	122	56802	9.467	ng	94
28) bis(2-Chloroethoxy)met...	7.898	93	87813	8.446	ng	97
29) 2,4-Dichlorophenol	8.010	162	56549	8.229	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	63986	8.168	ng	98
31) Naphthalene	8.175	128	192409	8.559	ng	99
32) Benzoic acid	7.892	122	16007	4.299	ng	# 78
33) 4-Chloroaniline	8.222	127	77216	8.861	ng	# 93
34) Hexachlorobutadiene	8.281	225	40303	7.715	ng	98
35) Caprolactam	8.569	113	16636	8.104	ng	# 86
36) 4-Chloro-3-methylphenol	8.704	107	60611	8.138	ng	98
37) 2-Methylnaphthalene	8.863	142	128783	8.767	ng	98
38) 1-Methylnaphthalene	8.963	142	121452	8.600	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	66935	8.588	ng	# 94
41) Hexachlorocyclopentadiene	9.010	237	16789	6.130	ng	89
43) 2,4,6-Trichlorophenol	9.145	196	37632	7.650	ng	98

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44) 2,4,5-Trichlorophenol	9.186	196	38850m	7.442	ng	
46) 1,1'-Biphenyl	9.328	154	161677	8.701	ng	96
47) 2-Chloronaphthalene	9.357	162	123902	8.566	ng	96
48) 2-Nitroaniline	9.451	65	44502	7.996	ng	87
49) Acenaphthylene	9.769	152	203285	9.184	ng	98
50) Dimethylphthalate	9.622	163	142694	8.089	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	31825	8.918	ng	96
52) Acenaphthene	9.939	154	111870	8.479	ng	93
53) 3-Nitroaniline	9.863	138	31457	8.089	ng	89
54) 2,4-Dinitrophenol	9.981	184	8389	4.771	ng	93
55) Dibenzofuran	10.116	168	172180	8.400	ng	97
56) 4-Nitrophenol	10.033	139	15628	6.612	ng	87
57) 2,4-Dinitrotoluene	10.098	165	39789	8.475	ng	# 93
58) Fluorene	10.457	166	136371	8.580	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	33203	7.653	ng	# 79
60) Diethylphthalate	10.322	149	134544	8.361	ng	96
61) 4-Chlorophenyl-phenyle...	10.445	204	72611	8.430	ng	90
62) 4-Nitroaniline	10.475	138	30535	7.880	ng	# 79
63) Azobenzene	10.610	77	153005	8.272	ng	90
65) 4,6-Dinitro-2-methylph...	10.510	198	16764	6.211	ng	90
66) n-Nitrosodiphenylamine	10.569	169	116187	8.546	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	43001	8.149	ng	93
68) Hexachlorobenzene	11.004	284	47058	8.183	ng	89
69) Atrazine	11.092	200	41395	8.824	ng	94
70) Pentachlorophenol	11.204	266	11123	4.790	ng	96
71) Phenanthrene	11.422	178	198074	8.571	ng	99
72) Anthracene	11.475	178	202906	8.866	ng	97
73) Carbazole	11.633	167	180363	8.369	ng	98
74) Di-n-butylphthalate	11.951	149	210405	8.347	ng	99
75) Fluoranthene	12.616	202	222074	8.595	ng	93
77) Benzidine	12.739	184	110898	12.463	ng	96
78) Pyrene	12.845	202	224197	8.226	ng	99
80) Butylbenzylphthalate	13.457	149	82031	7.821	ng	# 95
81) Benzo(a)anthracene	14.039	228	191772	8.140	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	63853	8.717	ng	# 97
83) Chrysene	14.074	228	179598	8.196	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	117725	8.338	ng	# 100
85) Di-n-octyl phthalate	14.627	149	178608	8.358	ng	97
87) Indeno(1,2,3-cd)pyrene	17.039	276	116481	6.847	ng	# 87
88) Benzo(b)fluoranthene	15.092	252	156358	8.436	ng	# 93
89) Benzo(k)fluoranthene	15.121	252	149459	8.576	ng	# 94
90) Benzo(a)pyrene	15.468	252	138304	9.476	ng	# 93
91) Dibenzo(a,h)anthracene	17.051	278	104980	7.415	ng	# 88
92) Benzo(g,h,i)perylene	17.492	276	100788	7.298	ng	# 86

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

