

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031722\
 Data File : BG052688.D
 Acq On : 17 Mar 2022 12:11
 Operator : CG/JU
 Sample : N1645-03
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 17 13:25:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 12:13:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/18/2022
 Supervised By : Jagrut Upadhyay 03/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	37456	20.000	ng	0.00
21) Naphthalene-d8	10.965	136	156103	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	109300	20.000	ng	0.00
64) Phenanthrene-d10	17.515	188	254578	20.000	ng	0.00
76) Chrysene-d12	21.798	240	278969	20.000	ng	-0.01
86) Perylene-d12	25.123	264	273600	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	375136	174.419	ng	0.00
7) Phenol-d6	7.300	99	552431	170.371	ng	0.00
23) Nitrobenzene-d5	9.315	82	311683	100.212	ng	0.00
42) 2,4,6-Tribromophenol	16.258	330	235103	160.076	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	718258	96.919	ng	0.00
79) Terphenyl-d14	20.118	244	1364653	87.017	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.605	88	7124	6.622	ng	# 86
3) Pyridine	4.010	79	12203	4.425	ng	# 88
4) n-Nitrosodimethylamine	3.910	42	5297m	4.329	ng	
6) Aniline	7.476	93	18231	4.795	ng	# 93
8) 2-Chlorophenol	7.711	128	10207	4.517	ng	84
9) Benzaldehyde	7.288	77	12606	6.330	ng	90
10) Phenol	7.323	94	12862	4.018	ng	82
11) bis(2-Chloroethyl)ether	7.564	93	10021	4.146	ng	92
12) 1,3-Dichlorobenzene	8.040	146	12707m	4.670	ng	
13) 1,4-Dichlorobenzene	8.193	146	12344	4.515	ng	94
14) 1,2-Dichlorobenzene	8.510	146	11375	4.399	ng	94
15) Benzyl Alcohol	8.381	79	10753	3.939	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.680	45	18185	4.320	ng	94
17) 2-Methylphenol	8.580	107	9323	4.369	ng	# 96
18) Hexachloroethane	9.250	117	4152	4.139	ng	96
19) n-Nitroso-di-n-propyla...	8.956	70	10205	4.444	ng	# 94
20) 3+4-Methylphenols	8.909	107	12268	4.108	ng	97
22) Acetophenone	8.974	105	19294	4.776	ng	99
24) Nitrobenzene	9.356	77	15574	5.005	ng	90
25) Isophorone	9.885	82	27257	4.526	ng	96
26) 2-Nitrophenol	10.067	139	4844	4.482	ng	# 80
27) 2,4-Dimethylphenol	10.120	122	10006	4.526	ng	87
28) bis(2-Chloroethoxy)met...	10.355	93	15171	4.260	ng	# 86
29) 2,4-Dichlorophenol	10.601	162	9717	3.906	ng	89
30) 1,2,4-Trichlorobenzene	10.824	180	13031	4.440	ng	92
31) Naphthalene	11.018	128	36381	4.507	ng	97
32) Benzoic acid	10.167	122	3922m	2.639	ng	
33) 4-Chloroaniline	11.112	127	14112	4.125	ng	# 91
34) Hexachlorobutadiene	11.312	225	8768	4.167	ng	95
35) Caprolactam	11.870	113	2989	4.400	ng	# 78
36) 4-Chloro-3-methylphenol	12.217	107	11824	4.093	ng	# 91
37) 2-Methylnaphthalene	12.610	142	26344	4.456	ng	89
38) 1-Methylnaphthalene	12.834	142	25988	4.504	ng	90
40) 1,2,4,5-Tetrachloroben...	12.974	216	16021	4.692	ng	98
41) Hexachlorocyclopentadiene	12.963	237	10824	5.348	ng	90
43) 2,4,6-Trichlorophenol	13.204	196	8306m	3.798	ng	

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44) 2,4,5-Trichlorophenol	13.274	196	9571	4.312	ng	# 85
46) 1,1'-Biphenyl	13.609	154	37367	4.889	ng	92
47) 2-Chloronaphthalene	13.656	162	27449	4.560	ng	96
48) 2-Nitroaniline	13.832	65	6493	3.944	ng	94
49) Acenaphthylene	14.496	152	44975	4.687	ng	96
50) Dimethylphthalate	14.214	163	34337	4.227	ng	98
51) 2,6-Dinitrotoluene	14.331	165	6010	4.382	ng	# 87
52) Acenaphthene	14.837	154	26994	4.391	ng	96
53) 3-Nitroaniline	14.655	138	6414	3.997	ng	100
54) 2,4-Dinitrophenol	14.854	184	2616	3.499	ng	# 9
55) Dibenzofuran	15.166	168	45389	4.521	ng	97
56) 4-Nitrophenol	14.942	139	4785	3.655	ng	93
57) 2,4-Dinitrotoluene	15.113	165	8259	4.340	ng	# 95
58) Fluorene	15.812	166	36247	4.429	ng	# 95
59) 2,3,4,6-Tetrachlorophenol	15.389	232	8345	3.517	ng	# 98
60) Diethylphthalate	15.577	149	34076	3.974	ng	94
61) 4-Chlorophenyl-phenyle...	15.806	204	19843	4.397	ng	92
62) 4-Nitroaniline	15.812	138	6903	4.071	ng	96
63) Azobenzene	16.100	77	38203	4.168	ng	99
65) 4,6-Dinitro-2-methylph...	15.871	198	3926	3.459	ng	88
66) n-Nitrosodiphenylamine	16.017	169	31636	4.414	ng	98
67) 4-Bromophenyl-phenylether	16.699	248	12168	3.964	ng	95
68) Hexachlorobenzene	16.822	284	13929	4.222	ng	# 85
69) Atrazine	16.957	200	12285	4.649	ng	93
70) Pentachlorophenol	17.163	266	6875	3.359	ng	99
71) Phenanthrene	17.557	178	61149	4.490	ng	98
72) Anthracene	17.645	178	61710	4.584	ng	95
73) Carbazole	17.909	167	53837	4.038	ng	95
74) Di-n-butylphthalate	18.473	149	59767	4.103	ng	98
75) Fluoranthene	19.560	202	76553	4.428	ng	99
77) Benzidine	19.730	184	32415	4.505	ng	# 95
78) Pyrene	19.918	202	79050	4.085	ng	98
80) Butylbenzylphthalate	20.805	149	25234	3.676	ng	# 90
81) Benzo(a)anthracene	21.780	228	81913m	4.385	ng	
82) 3,3'-Dichlorobenzidine	21.686	252	27002	4.093	ng	94
83) Chrysene	21.845	228	74194	4.225	ng	98
84) Bis(2-ethylhexyl)phtha...	21.692	149	35525	3.805	ng	93
85) Di-n-octyl phthalate	22.943	149	54062	3.479	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.906	276	77592	4.143	ng	# 91
88) Benzo(b)fluoranthene	24.059	252	74973	4.413	ng	98
89) Benzo(k)fluoranthene	24.136	252	74739	4.472	ng	98
90) Benzo(a)pyrene	24.958	252	72377	5.033	ng	# 95
91) Dibenzo(a,h)anthracene	28.988	278	67665	4.385	ng	# 91
92) Benzo(g,h,i)perylene	30.098	276	65944	4.319	ng	99

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

