

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052678.D
 Acq On : 16 Mar 2022 14:58
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Mar 16 15:38:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 11:53:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 03/17/2022
 Supervised By :Jagrut
 Upadhyay
 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	37603	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	143725	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	103634	20.000	ng	0.00
64) Phenanthrene-d10	17.517	188	238100	20.000	ng	0.00
76) Chrysene-d12	21.805	240	272421	20.000	ng	0.00
86) Perylene-d12	25.124	264	276087	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	201187	93.176	ng	0.00
7) Phenol-d6	7.295	99	290164	89.137	ng	0.00
23) Nitrobenzene-d5	9.310	82	217271	75.873	ng	0.00
42) 2,4,6-Tribromophenol	16.254	330	120952	86.856	ng	0.00
45) 2-Fluorobiphenyl	13.399	172	498731	70.976	ng	0.00
79) Terphenyl-d14	20.119	244	1038052	67.782	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	10709	9.915	ng	93
3) Pyridine	4.005	79	22097	7.981	ng	# 82
4) n-Nitrosodimethylamine	3.917	42	9060	7.376	ng	# 80
6) Aniline	7.471	93	34263	8.977	ng	92
8) 2-Chlorophenol	7.718	128	19692	8.679	ng	99
9) Benzaldehyde	7.283	77	21483	10.745	ng	97
10) Phenol	7.324	94	26639	8.290	ng	93
11) bis(2-Chloroethyl)ether	7.565	93	20606	8.491	ng	94
12) 1,3-Dichlorobenzene	8.047	146	22265	8.151	ng	96
13) 1,4-Dichlorobenzene	8.188	146	22990	8.376	ng	96
14) 1,2-Dichlorobenzene	8.511	146	21896	8.435	ng	90
15) Benzyl Alcohol	8.382	79	21088	7.694	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.681	45	36775	8.702	ng	96
17) 2-Methylphenol	8.582	107	17511	8.174	ng	91
18) Hexachloroethane	9.251	117	9076	9.013	ng	87
19) n-Nitroso-di-n-propyla...	8.952	70	18659	8.093	ng	# 95
20) 3+4-Methylphenols	8.911	107	24181	8.066	ng	96
22) Acetophenone	8.969	105	34404	9.250	ng	# 96
24) Nitrobenzene	9.357	77	27926	9.746	ng	93
25) Isophorone	9.886	82	50542	9.115	ng	# 96
26) 2-Nitrophenol	10.068	139	8348	8.390	ng	# 85
27) 2,4-Dimethylphenol	10.121	122	19731	9.693	ng	94
28) bis(2-Chloroethoxy)met...	10.361	93	28124	8.578	ng	# 96
29) 2,4-Dichlorophenol	10.602	162	19452	8.492	ng	95
30) 1,2,4-Trichlorobenzene	10.826	180	25261	9.349	ng	93
31) Naphthalene	11.019	128	68677	9.240	ng	100
32) Benzoic acid	10.191	122	13613	9.950	ng	89
33) 4-Chloroaniline	11.113	127	28146	8.935	ng	97
34) Hexachlorobutadiene	11.307	225	17471	9.018	ng	97
35) Caprolactam	11.859	113	5636	9.011	ng	# 80
36) 4-Chloro-3-methylphenol	12.218	107	21108	7.936	ng	97
37) 2-Methylnaphthalene	12.617	142	49748	9.140	ng	96
38) 1-Methylnaphthalene	12.829	142	47622	8.965	ng	90
40) 1,2,4,5-Tetrachloroben...	12.976	216	30834	9.523	ng	98
41) Hexachlorocyclopentadiene	12.964	237	24870	12.959	ng	97
43) 2,4,6-Trichlorophenol	13.205	196	16868	8.135	ng	99

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44) 2,4,5-Trichlorophenol	13.275	196	19120	9.085	ng	97
46) 1,1'-Biphenyl	13.610	154	65634	9.056	ng	99
47) 2-Chloronaphthalene	13.651	162	52503	9.199	ng	97
48) 2-Nitroaniline	13.839	65	13274	8.504	ng	93
49) Acenaphthylene	14.497	152	87155	9.579	ng	99
50) Dimethylphthalate	14.215	163	65431	8.495	ng	# 97
51) 2,6-Dinitrotoluene	14.327	165	12233	9.407	ng	96
52) Acenaphthene	14.838	154	52247	8.964	ng	97
53) 3-Nitroaniline	14.650	138	13102	8.610	ng	98
54) 2,4-Dinitrophenol	14.861	184	8040	11.342	ng	# 72
55) Dibenzofuran	15.167	168	81471	8.559	ng	97
56) 4-Nitrophenol	14.944	139	10742	8.654	ng	86
57) 2,4-Dinitrotoluene	15.114	165	14992	8.309	ng	88
58) Fluorene	15.819	166	67878	8.748	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.390	232	17309	7.695	ng	# 96
60) Diethylphthalate	15.578	149	67484	8.300	ng	99
61) 4-Chlorophenyl-phenyle...	15.807	204	37721	8.815	ng	97
62) 4-Nitroaniline	15.813	138	13703	8.522	ng	95
63) Azobenzene	16.101	77	72893	8.388	ng	98
65) 4,6-Dinitro-2-methylph...	15.878	198	10534	9.924	ng	93
66) n-Nitrosodiphenylamine	16.019	169	59936	8.941	ng	96
67) 4-Bromophenyl-phenylether	16.700	248	22704	7.909	ng	# 86
68) Hexachlorobenzene	16.823	284	26615	8.626	ng	95
69) Atrazine	16.958	200	23062	9.330	ng	89
70) Pentachlorophenol	17.158	266	23604	12.331	ng	89
71) Phenanthrene	17.558	178	116078	9.113	ng	98
72) Anthracene	17.646	178	116841	9.279	ng	98
73) Carbazole	17.910	167	108475	8.698	ng	95
74) Di-n-butylphthalate	18.474	149	120666	8.857	ng	99
75) Fluoranthene	19.561	202	151700	9.382	ng	99
77) Benzidine	19.731	184	78425	11.162	ng	96
78) Pyrene	19.919	202	157739	8.347	ng	99
80) Butylbenzylphthalate	20.806	149	52643	7.853	ng	96
81) Benzo(a)anthracene	21.781	228	161405	8.848	ng	99
82) 3,3'-Dichlorobenzidine	21.687	252	57155	8.873	ng	93
83) Chrysene	21.846	228	150293	8.764	ng	97
84) Bis(2-ethylhexyl)phtha...	21.693	149	76741	8.418	ng	96
85) Di-n-octyl phthalate	22.944	149	124143	8.180	ng	98
87) Indeno(1,2,3-cd)pyrene	28.913	276	162131	8.580	ng	95
88) Benzo(b)fluoranthene	24.066	252	158336	9.237	ng	97
89) Benzo(k)fluoranthene	24.131	252	158110m	9.375	ng	
90) Benzo(a)pyrene	24.965	252	151036	10.409	ng	# 92
91) Dibenzo(a,h)anthracene	28.983	278	144032	9.250	ng	98
92) Benzo(g,h,i)perylene	30.099	276	140841	9.141	ng	97

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

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