

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052675.D
 Acq On : 16 Mar 2022 11:40
 Operator : CG/JU
 Sample : N1645-02
 Misc : LOQ-SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Mar 16 13:26:54 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.153	152	36677	20.000	ng	0.00
21) Naphthalene-d8	10.967	136	148308	20.000	ng	0.00
39) Acenaphthene-d10	14.773	164	105639	20.000	ng	0.00
64) Phenanthrene-d10	17.516	188	248967	20.000	ng	0.00
76) Chrysene-d12	21.805	240	275295	20.000	ng	0.00
86) Perylene-d12	25.124	264	277731	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.709	112	216566	102.831	ng	0.00
7) Phenol-d6	7.295	99	317170	99.894	ng	0.00
23) Nitrobenzene-d5	9.316	82	210026	71.077	ng	0.00
42) 2,4,6-Tribromophenol	16.253	330	133397	93.974	ng	0.00
45) 2-Fluorobiphenyl	13.404	172	489674	68.364	ng	0.00
79) Terphenyl-d14	20.119	244	990576	64.007	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.600	88	11187	10.619	ng	96
3) Pyridine	4.011	79	25022	9.265	ng	98
4) n-Nitrosodimethylamine	3.911	42	10497	8.762	ng	# 93
6) Aniline	7.471	93	38175	10.254	ng	95
8) 2-Chlorophenol	7.718	128	21125	9.546	ng	96
9) Benzaldehyde	7.283	77	23873	12.242	ng	96
10) Phenol	7.324	94	29037	9.265	ng	85
11) bis(2-Chloroethyl)ether	7.565	93	22491	9.502	ng	98
12) 1,3-Dichlorobenzene	8.047	146	25073	9.410	ng	94
13) 1,4-Dichlorobenzene	8.188	146	25670	9.589	ng	98
14) 1,2-Dichlorobenzene	8.517	146	23864	9.426	ng	95
15) Benzyl Alcohol	8.382	79	22987	8.598	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.675	45	39481	9.578	ng	95
17) 2-Methylphenol	8.582	107	18856	9.025	ng	95
18) Hexachloroethane	9.257	117	9275	9.443	ng	93
19) n-Nitroso-di-n-propyla...	8.957	70	21167	9.413	ng	98
20) 3+4-Methylphenols	8.905	107	26273	8.985	ng	97
22) Acetophenone	8.975	105	38451	10.019	ng	# 93
24) Nitrobenzene	9.357	77	30591	10.347	ng	94
25) Isophorone	9.880	82	57200	9.997	ng	# 92
26) 2-Nitrophenol	10.074	139	8841	8.611	ng	91
27) 2,4-Dimethylphenol	10.121	122	21953	10.451	ng	91
28) bis(2-Chloroethoxy)met...	10.361	93	31479	9.305	ng	92
29) 2,4-Dichlorophenol	10.602	162	21711	9.186	ng	96
30) 1,2,4-Trichlorobenzene	10.826	180	27498	9.862	ng	# 92
31) Naphthalene	11.019	128	75055	9.786	ng	99
32) Benzoic acid	10.185	122	12459	8.825	ng	93
33) 4-Chloroaniline	11.113	127	31013	9.541	ng	97
34) Hexachlorobutadiene	11.313	225	18709	9.359	ng	95
35) Caprolactam	11.865	113	6193	9.596	ng	94
36) 4-Chloro-3-methylphenol	12.218	107	24225	8.826	ng	99
37) 2-Methylnaphthalene	12.611	142	53324	9.494	ng	98
38) 1-Methylnaphthalene	12.829	142	52474m	9.573	ng	
40) 1,2,4,5-Tetrachloroben...	12.976	216	32385	9.812	ng	97
41) Hexachlorocyclopentadiene	12.964	237	27520	14.067	ng	98
43) 2,4,6-Trichlorophenol	13.205	196	19140	9.056	ng	96

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44) 2,4,5-Trichlorophenol	13.275	196	20015	9.330	ng	94
46) 1,1'-Biphenyl	13.610	154	75169	10.175	ng	96
47) 2-Chloronaphthalene	13.657	162	58137	9.993	ng	97
48) 2-Nitroaniline	13.839	65	12904	8.110	ng	# 83
49) Acenaphthylene	14.497	152	94115	10.148	ng	96
50) Dimethylphthalate	14.221	163	73151	9.317	ng	98
51) 2,6-Dinitrotoluene	14.327	165	12853	9.696	ng	95
52) Acenaphthene	14.838	154	59345	9.988	ng	92
53) 3-Nitroaniline	14.662	138	13930	8.981	ng	# 94
54) 2,4-Dinitrophenol	14.861	184	8576	11.869	ng	# 69
55) Dibenzofuran	15.167	168	93479	9.634	ng	99
56) 4-Nitrophenol	14.943	139	10606	8.382	ng	# 71
57) 2,4-Dinitrotoluene	15.114	165	17428	9.476	ng	# 90
58) Fluorene	15.819	166	75068	9.491	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.390	232	19769	8.621	ng	# 100
60) Diethylphthalate	15.578	149	76327	9.210	ng	98
61) 4-Chlorophenyl-phenyle...	15.807	204	40460	9.276	ng	94
62) 4-Nitroaniline	15.813	138	15061	9.189	ng	88
63) Azobenzene	16.101	77	81871	9.243	ng	94
65) 4,6-Dinitro-2-methylph...	15.878	198	11417	10.286	ng	97
66) n-Nitrosodiphenylamine	16.019	169	66103	9.431	ng	98
67) 4-Bromophenyl-phenylether	16.700	248	26519	8.835	ng	96
68) Hexachlorobenzene	16.823	284	30963	9.597	ng	# 93
69) Atrazine	16.958	200	25944	10.038	ng	86
70) Pentachlorophenol	17.158	266	15569	7.778	ng	93
71) Phenanthrene	17.558	178	132621	9.957	ng	98
72) Anthracene	17.646	178	130933	9.944	ng	99
73) Carbazole	17.910	167	122062	9.360	ng	97
74) Di-n-butylphthalate	18.474	149	134929	9.472	ng	100
75) Fluoranthene	19.561	202	168758	9.982	ng	98
77) Benzidine	19.731	184	86955	12.246	ng	99
78) Pyrene	19.919	202	177369	9.288	ng	96
80) Butylbenzylphthalate	20.806	149	57063	8.424	ng	95
81) Benzo(a)anthracene	21.781	228	175156	9.502	ng	96
82) 3,3'-Dichlorobenzidine	21.687	252	63627	9.774	ng	97
83) Chrysene	21.852	228	163080	9.410	ng	98
84) Bis(2-ethylhexyl)phtha...	21.699	149	84028	9.121	ng	97
85) Di-n-octyl phthalate	22.950	149	130756	8.526	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.925	276	175349	9.224	ng	98
88) Benzo(b)fluoranthene	24.066	252	173978	10.089	ng	99
89) Benzo(k)fluoranthene	24.137	252	168098	9.908	ng	99
90) Benzo(a)pyrene	24.965	252	164323	11.257	ng	96
91) Dibenzo(a,h)anthracene	28.989	278	156077	9.964	ng	99
92) Benzo(g,h,i)perylene	30.088	276	152729	9.854	ng	# 94

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

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