Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052674.D
Acq On : 16 Mar 2022 11:01
Operator : CG/JU
Sample : N1645-02
Misc : LOQ-SOIL 5ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 16 13:19:04 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.155	152	39624	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	151143	20.000	ng		# 0.00
39) Acenaphthene-d10	14.776	164	109619	20.000	ng		0.00
64) Phenanthrene-d10	17.513	188	255406	20.000	ng		0.00
76) Chrysene-d12	21.801	240	289609	20.000	ng		-0.01
86) Perylene-d12	25.120	264	288811	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	219496	96.471	ng		0.00
7) Phenol-d6	7.297	99	317620	92.595	ng		0.00
23) Nitrobenzene-d5	9.312	82	216206	71.796	ng		0.00
42) 2,4,6-Tribromophenol	16.256	330	131156	89.041	ng		0.00
45) 2-Fluorobiphenyl	13.401	172	503239	67.707	ng		0.00
79) Terphenyl-d14	20.121	244	1010925	62.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.602	88	6979	6.132	ng		87
3) Pyridine	4.008	79	12799	4.387	ng	#	85
4) n-Nitrosodimethylamine	3.920	42	4398	3.398	ng	#	88
6) Aniline	7.468	93	18740	4.659	ng		97
8) 2-Chlorophenol	7.715	128	11173	4.673	ng		93
9) Benzaldehyde	7.286	77	12729	6.042	ng		82
10) Phenol	7.321	94	15020	4.436	ng		87
11) bis(2-Chloroethyl)ether	7.568	93	11539	4.513	ng		93
12) 1,3-Dichlorobenzene	8.043	146	12730m	4.422	ng		
13) 1,4-Dichlorobenzene	8.190	146	13182	4.558	ng		96
14) 1,2-Dichlorobenzene	8.513	146	12730	4.654	ng		98
15) Benzyl Alcohol	8.384	79	11875	4.112	ng	#	81
16) 2,2'-oxybis(1-Chloropr...	8.678	45	19022	4.272	ng		98
17) 2-Methylphenol	8.584	107	9966	4.415	ng		95
18) Hexachloroethane	9.254	117	4750	4.476	ng		90
19) n-Nitroso-di-n-propyla...	8.960	70	10933	4.500	ng	#	92
20) 3+4-Methylphenols	8.907	107	12564	3.977	ng		92
22) Acetophenone	8.972	105	19253	4.922	ng	#	93
24) Nitrobenzene	9.353	77	16019	5.316	ng		96
25) Isophorone	9.882	82	27204	4.665	ng	#	90
26) 2-Nitrophenol	10.076	139	4636	4.431	ng	#	81
27) 2,4-Dimethylphenol	10.123	122	10292	4.808	ng	#	78
28) bis(2-Chloroethoxy)met...	10.358	93	15742	4.566	ng	#	90
29) 2,4-Dichlorophenol	10.605	162	9794	4.066	ng		83
30) 1,2,4-Trichlorobenzene	10.828	180	14448	5.085	ng	#	84
31) Naphthalene	11.016	128	38092	4.874	ng	#	95
32) Benzoic acid	10.164	122	3224	2.241	ng	#	88
33) 4-Chloroaniline	11.116	127	14856	4.485	ng		96
34) Hexachlorobutadiene	11.310	225	9833	4.826	ng		94
35) Caprolactam	11.856	113	2888	4.391	ng	#	78
36) 4-Chloro-3-methylphenol	12.214	107	11136	3.981	ng		92
37) 2-Methylnaphthalene	12.614	142	27430	4.792	ng		98
38) 1-Methylnaphthalene	12.831	142	26313	4.710	ng		96
40) 1,2,4,5-Tetrachloroben...	12.978	216	16825	4.913	ng		98
41) Hexachlorocyclopentadiene	12.966	237	10840	5.340	ng		98
43) 2,4,6-Trichlorophenol	13.207	196	8459	3.857	ng		89

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44) 2,4,5-Trichlorophenol	13.278	196	10284	4.620	ng	#	87
46) 1,1'-Biphenyl	13.607	154	36158	4.717	ng		92
47) 2-Chloronaphthalene	13.654	162	27953	4.630	ng		96
48) 2-Nitroaniline	13.842	65	6345	3.843	ng		94
49) Acenaphthylene	14.494	152	46823	4.865	ng		97
50) Dimethylphthalate	14.217	163	35687	4.380	ng		99
51) 2,6-Dinitrotoluene	14.329	165	5754	4.183	ng		93
52) Acenaphthene	14.834	154	28234	4.579	ng		98
53) 3-Nitroaniline	14.658	138	6151	3.822	ng		92
54) 2,4-Dinitrophenol	14.864	184	2576	3.436	ng	#	71
55) Dibenzofuran	15.169	168	45853	4.554	ng		99
56) 4-Nitrophenol	14.946	139	4896	3.729	ng		88
57) 2,4-Dinitrotoluene	15.110	165	7240	3.793	ng		90
58) Fluorene	15.815	166	38353	4.673	ng	#	85
59) 2,3,4,6-Tetrachlorophenol	15.387	232	8676	3.646	ng	#	98
60) Diethylphthalate	15.580	149	38160	4.437	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.809	204	20574	4.546	ng		95
62) 4-Nitroaniline	15.809	138	7111	4.181	ng		94
63) Azobenzene	16.097	77	40307	4.385	ng		95
65) 4,6-Dinitro-2-methylph...	15.880	198	4311	3.786	ng		83
66) n-Nitrosodiphenylamine	16.015	169	31287	4.351	ng		95
67) 4-Bromophenyl-phenylether	16.702	248	12650	4.108	ng		93
68) Hexachlorobenzene	16.826	284	15024	4.539	ng		96
69) Atrazine	16.961	200	12273	4.629	ng		96
70) Pentachlorophenol	17.161	266	7049	3.433	ng		90
71) Phenanthrene	17.554	178	65456	4.791	ng		94
72) Anthracene	17.648	178	64001	4.738	ng		96
73) Carbazole	17.907	167	58309	4.359	ng		95
74) Di-n-butylphthalate	18.476	149	63824	4.367	ng		100
75) Fluoranthene	19.557	202	81588	4.704	ng		97
77) Benzidine	19.728	184	42081	5.634	ng		99
78) Pyrene	19.922	202	86305	4.296	ng		95
80) Butylbenzylphthalate	20.809	149	25324	3.554	ng		97
81) Benzo(a)anthracene	21.784	228	90073	4.645	ng		99
82) 3,3'-Dichlorobenzidine	21.690	252	31564	4.609	ng		96
83) Chrysene	21.848	228	81325	4.461	ng		97
84) Bis(2-ethylhexyl)phtha...	21.696	149	40814	4.211	ng		99
85) Di-n-octyl phthalate	22.947	149	60722	3.764	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.909	276	86637	4.383	ng	#	91
88) Benzo(b)fluoranthene	24.063	252	83949	4.681	ng		98
89) Benzo(k)fluoranthene	24.133	252	82419	4.671	ng		99
90) Benzo(a)pyrene	24.956	252	79026	5.206	ng		98
91) Dibenzo(a,h)anthracene	28.980	278	74846	4.595	ng		97
92) Benzo(g,h,i)perylene	30.096	276	74202	4.604	ng	#	97

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

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