Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
Data File : BG052369.D
Acq On : 11 Feb 2022 12:34
Operator : CG/JU
Sample : M4068-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 11 14:00:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 11 13:59:40 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
Supervised By :mohammad ahmed 02/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.232	152	21705	20.000	ng		0.00
21) Naphthalene-d8	11.069	136	92318	20.000	ng		0.00
39) Acenaphthene-d10	14.876	164	68774	20.000	ng		0.00
64) Phenanthrene-d10	17.625	188	170121	20.000	ng		0.00
76) Chrysene-d12	21.943	240	188051	20.000	ng		0.00
86) Perylene-d12	25.415	264	188957	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.759	112	198781	159.617	ng		0.00
7) Phenol-d6	7.380	99	288376	150.076	ng		0.00
23) Nitrobenzene-d5	9.401	82	171963	80.956	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	157516	159.421	ng		0.00
45) 2-Fluorobiphenyl	13.495	172	415779	84.005	ng		0.00
79) Terphenyl-d14	20.216	244	881734	82.798	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	4138	7.216	ng		94
3) Pyridine	4.002	79	11584	6.965	ng		88
4) n-Nitrosodimethylamine	3.908	42	6820	7.942	ng	#	89
6) Aniline	7.545	93	18337	8.214	ng		96
8) 2-Chlorophenol	7.791	128	10419	7.605	ng		95
9) Benzaldehyde	7.345	77	12201	10.344	ng		98
10) Phenol	7.404	94	15253	7.989	ng		97
11) bis(2-Chloroethyl)ether	7.633	93	11037	7.563	ng		94
12) 1,3-Dichlorobenzene	8.120	146	12101	7.752	ng		96
13) 1,4-Dichlorobenzene	8.267	146	13262m	8.334	ng		
14) 1,2-Dichlorobenzene	8.590	146	12205	7.777	ng		93
15) Benzyl Alcohol	8.467	79	10973	6.881	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.761	45	15855	7.524	ng		95
17) 2-Methylphenol	8.672	107	9095	7.219	ng		94
18) Hexachloroethane	9.336	117	4572	8.263	ng		98
19) n-Nitroso-di-n-propyla...	9.031	70	11214	7.741	ng		94
20) 3+4-Methylphenols	8.996	107	13097	7.266	ng		81
22) Acetophenone	9.060	105	18579	7.615	ng	#	90
24) Nitrobenzene	9.448	77	15590	7.737	ng	#	96
25) Isophorone	9.971	82	29510	8.165	ng		98
26) 2-Nitrophenol	10.170	139	5950	6.967	ng	#	84
27) 2,4-Dimethylphenol	10.223	122	10964	8.671	ng		97
28) bis(2-Chloroethoxy)met...	10.452	93	15388	7.502	ng		98
29) 2,4-Dichlorophenol	10.717	162	11012	7.266	ng		94
30) 1,2,4-Trichlorobenzene	10.928	180	13612	7.691	ng		97
31) Naphthalene	11.122	128	36953	7.635	ng		96
32) Benzoic acid	10.311	122	4753m	6.400	ng		
33) 4-Chloroaniline	11.222	127	15824	7.831	ng		94
34) Hexachlorobutadiene	11.404	225	8985	7.517	ng		90
35) Caprolactam	11.962	113	4094	7.412	ng	#	78
36) 4-Chloro-3-methylphenol	12.332	107	12773	7.408	ng		92
37) 2-Methylnaphthalene	12.714	142	28619	7.961	ng		99
38) 1-Methylnaphthalene	12.931	142	27338	7.848	ng		100
40) 1,2,4,5-Tetrachloroben...	13.078	216	17539	7.753	ng		98
41) Hexachlorocyclopentadiene	13.061	237	4434	4.643	ng		91
43) 2,4,6-Trichlorophenol	13.319	196	10547m	7.129	ng		

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.390	196	11268	7.028	ng		92
46)	1,1'-Biphenyl	13.707	154	39500	7.833	ng		99
47)	2-Chloronaphthalene	13.754	162	30338	7.808	ng		97
48)	2-Nitroaniline	13.948	65	9896	7.154	ng		89
49)	Acenaphthylene	14.600	152	50924	8.052	ng		98
50)	Dimethylphthalate	14.312	163	40170	7.625	ng	#	98
51)	2,6-Dinitrotoluene	14.435	165	9208	8.099	ng	#	77
52)	Acenaphthene	14.940	154	28843	6.963	ng		91
53)	3-Nitroaniline	14.770	138	9185	7.773	ng		91
54)	2,4-Dinitrophenol	14.982	184	2159	3.502	ng	#	70
55)	Dibenzofuran	15.269	168	49611	7.616	ng		97
56)	4-Nitrophenol	15.087	139	6456	7.275	ng	#	76
57)	2,4-Dinitrotoluene	15.222	165	12896	7.970	ng	#	74
58)	Fluorene	15.921	166	42184	8.112	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.499	232	10659	6.959	ng	#	96
60)	Diethylphthalate	15.669	149	42436	7.974	ng		99
61)	4-Chlorophenyl-phenyle...	15.904	204	22064	7.448	ng		96
62)	4-Nitroaniline	15.927	138	9288	7.466	ng		88
63)	Azobenzene	16.198	77	40324	7.401	ng		94
65)	4,6-Dinitro-2-methylph...	15.992	198	5251	5.131	ng		94
66)	n-Nitrosodiphenylamine	16.115	169	36192	7.721	ng		98
67)	4-Bromophenyl-phenylether	16.797	248	14565	7.040	ng		96
68)	Hexachlorobenzene	16.932	284	16844	7.507	ng		92
69)	Atrazine	17.055	200	15273	8.060	ng		98
70)	Pentachlorophenol	17.278	266	4778	4.352	ng		96
71)	Phenanthrene	17.666	178	69346	7.907	ng		95
72)	Anthracene	17.754	178	69421	8.078	ng		99
73)	Carbazole	18.025	167	65899	7.862	ng		98
74)	Di-n-butylphthalate	18.565	149	73963	8.099	ng		98
75)	Fluoranthene	19.669	202	91729	8.214	ng		99
77)	Benzidine	19.834	184	43703	10.876	ng		99
78)	Pyrene	20.028	202	94730	7.528	ng		96
80)	Butylbenzylphthalate	20.897	149	32960	7.541	ng		95
81)	Benzo(a)anthracene	21.919	228	96148	7.726	ng		99
82)	3,3'-Dichlorobenzidine	21.819	252	37350	8.598	ng		99
83)	Chrysene	21.990	228	89287	7.572	ng		94
84)	Bis(2-ethylhexyl)phtha...	21.796	149	46549	7.680	ng		97
85)	Di-n-octyl phthalate	23.094	149	79215	7.796	ng		97
87)	Indeno(1,2,3-cd)pyrene	29.409	276	99209	7.175	ng	#	84
88)	Benzo(b)fluoranthene	24.298	252	93331	7.926	ng		93
89)	Benzo(k)fluoranthene	24.369	252	93221	8.014	ng		98
90)	Benzo(a)pyrene	25.244	252	90152	9.064	ng		97
91)	Dibenzo(a,h)anthracene	29.485	278	87279	7.641	ng		98
92)	Benzo(g,h,i)perylene	30.654	276	84659	7.552	ng		98

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

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