Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041154.D
Acq On : 9 Jun 2019 5:25
Operator : HP/JU
Sample : SOILBS03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOILBS03

Quant Time: Jun 10 05:55:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	165520	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	686855	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	500978	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	1208624	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	1208623	20.00	ng		-0.02
87) Perylene-d12	25.10	264	1359037	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1045919	113.94	ng		-0.01
7) Phenol-d6	7.27	99	1475752	104.10	ng		0.00
23) Nitrobenzene-d5	9.29	82	1010387	65.30	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	838428	112.73	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	2186090	62.84	ng		-0.02
79) Terphenyl-d14	20.09	244	3201807	56.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30402	7.299	ng	#	89
3) Pyridine	3.91	79	87939	7.135	ng		96
4) n-Nitrosodimethylamine	3.83	42	50387	8.809	ng		84
6) Aniline	7.44	93	110680	5.849	ng		96
8) 2-Chlorophenol	7.67	128	100211	9.157	ng		97
9) Benzaldehyde	7.25	77	34219	4.046	ng		86
10) Phenol	7.29	94	135053	8.885	ng		96
11) bis(2-Chloroethyl)ether	7.53	93	92891	8.424	ng		96
12) 1,3-Dichlorobenzene	7.99	146	105749	8.091	ng		93
13) 1,4-Dichlorobenzene	8.14	146	110550	8.356	ng		95
14) 1,2-Dichlorobenzene	8.46	146	103981	8.095	ng		97
15) Benzyl Alcohol	8.35	79	113225	8.634	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	145106	8.053	ng		97
17) 2-Methylphenol	8.54	107	98010	8.906	ng		96
18) Hexachloroethane	9.19	117	42082	8.253	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	90075	8.257	ng		98
20) 3+4-Methylphenols	8.87	107	133218	8.739	ng		99
22) Acetophenone	8.93	105	172631	8.960	ng	#	96
24) Nitrobenzene	9.33	77	144993	9.196	ng		99
25) Isophorone	9.84	82	259132	8.801	ng		99
26) 2-Nitrophenol	10.03	139	63407	9.755	ng		95
27) 2,4-Dimethylphenol	10.08	122	108420	10.099	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	134069	8.436	ng		98
29) 2,4-Dichlorophenol	10.57	162	124200	9.111	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	137351	8.857	ng		94
31) Naphthalene	10.98	128	329101	8.924	ng		99
32) Benzoic acid	10.21	122	61854	14.285	ng		98
33) 4-Chloroaniline	11.09	127	70449	4.117	ng		96
34) Hexachlorobutadiene	11.24	225	96885	8.165	ng		98
35) Caprolactam	11.88	113	38496	8.551	ng		89
36) 4-Chloro-3-methylphenol	12.19	107	135730	8.718	ng		94
37) 2-Methylnaphthalene	12.57	142	257149	9.054	ng		99
38) 1-Methylnaphthalene	12.79	142	245821m	9.184	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	191775	9.498	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	206575	25.308	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	119151	9.122	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	122936	8.924	ng		96
46) 1,1'-Biphenyl	13.57	154	344655	9.294	ng		98
47) 2-Chloronaphthalene	13.62	162	287905	9.044	ng		98
48) 2-Nitroaniline	13.83	65	97485	8.536	ng		97
49) Acenaphthylene	14.46	152	437084	9.122	ng		99
50) Dimethylphthalate	14.19	163	362904	8.557	ng		98
51) 2,6-Dinitrotoluene	14.32	165	81793	8.945	ng		98
52) Acenaphthene	14.80	154	250375	8.626	ng		97
53) 3-Nitroaniline	14.65	138	56236	6.151	ng		99
54) 2,4-Dinitrophenol	14.85	184	80138	27.474	ng		94
55) Dibenzofuran	15.13	168	445015	9.112	ng		100
56) 4-Nitrophenol	14.95	139	116823	18.628	ng		96
57) 2,4-Dinitrotoluene	15.10	165	111730	8.651	ng		97
58) Fluorene	15.78	166	347451	8.933	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	123527	9.124	ng		99
60) Diethylphthalate	15.54	149	369918	8.547	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	217069	8.586	ng		95
62) 4-Nitroaniline	15.81	138	77021	7.957	ng		95
63) Azobenzene	16.06	77	344695	8.763	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	63218	16.604	ng		95
66) n-Nitrosodiphenylamine	15.99	169	312318	9.192	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	143423	8.793	ng		96
68) Hexachlorobenzene	16.77	284	150854	8.686	ng		99
69) Atrazine	16.93	200	129789	9.900	ng		98
70) Pentachlorophenol	17.12	266	162106	20.752	ng		95
71) Phenanthrene	17.52	178	574470	9.125	ng		99
72) Anthracene	17.61	178	600397	9.670	ng		99
73) Carbazole	17.88	167	511792	9.606	ng		98
74) Di-n-butylphthalate	18.42	149	611541	9.235	ng		99
75) Fluoranthene	19.53	202	763892	9.824	ng		100
77) Benzidine	19.71	184	230843	8.006	ng		98
78) Pyrene	19.89	202	767171	9.764	ng		98
80) Butylbenzylphthalate	20.75	149	283166	9.261	ng		99
81) Benzo(a)anthracene	21.74	228	737448	9.166	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	184428	6.517	ng		96
83) Chrysene	21.81	228	713018	9.261	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	392873	9.128	ng		96
85) Di-n-octyl phthalate	22.84	149	665391	9.282	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	813670	8.627	ng	#	99
88) Benzo(b)fluoranthene	24.02	252	730196	8.858	ng		99
89) Benzo(k)fluoranthene	24.09	252	723428	8.869	ng		99
90) Benzo(a)pyrene	24.93	252	722216	9.183	ng		97
91) Dibenzo(a,h)anthracene	28.96	278	696439	8.863	ng		99
92) Benzo(g,h,i)perylene	30.10	276	658026	8.619	ng		99

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

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