Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040461.D
Acq On : 12 Apr 2019 14:47
Operator : JU/SJ
Sample : IDOCSS-03
Misc : SOIL IDOC
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOCSS-03

Manual Integrations APPROVED
Sohil
4/15/2019 2:24:07 PM

Quant Time: Apr 15 03:47:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	33208	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	135597	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	87025	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	247272	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	286903	20.00	ng		-0.04
87) Perylene-d12	24.97	264	297797	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	270639	135.48	ng		-0.02
7) Phenol-d6	7.20	99	366407	132.72	ng		-0.02
23) Nitrobenzene-d5	9.22	82	220944	86.61	ng		-0.03
42) 2,4,6-Tribromophenol	16.16	330	146507	155.77	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	513223	87.39	ng		-0.03
79) Terphenyl-d14	20.02	244	1080992	84.76	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	38689	41.190	ng	#	96
3) Pyridine	3.89	79	95330	37.695	ng		96
4) n-Nitrosodimethylamine	3.81	42	42735	36.531	ng	#	87
6) Aniline	7.37	93	87934	24.517	ng		98
8) 2-Chlorophenol	7.61	128	91825	39.269	ng		98
9) Benzaldehyde	7.18	77	48017	25.356	ng		94
10) Phenol	7.23	94	123197	41.113	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	89681	37.367	ng		93
12) 1,3-Dichlorobenzene	7.93	146	99279	39.056	ng		95
13) 1,4-Dichlorobenzene	8.08	146	101491	40.088	ng		98
14) 1,2-Dichlorobenzene	8.40	146	95024	39.249	ng		98
15) Benzyl Alcohol	8.28	79	79852	35.916	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	169901	36.886	ng		99
17) 2-Methylphenol	8.48	107	82620	39.846	ng		99
18) Hexachloroethane	9.12	117	36157	37.546	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	68137	34.424	ng		97
20) 3+4-Methylphenols	8.81	107	114600	40.798	ng		98
22) Acetophenone	8.87	105	138139	40.840	ng	#	97
24) Nitrobenzene	9.26	77	106599	40.353	ng		97
25) Isophorone	9.77	82	199481	38.004	ng		98
26) 2-Nitrophenol	9.98	139	48345	38.622	ng		99
27) 2,4-Dimethylphenol	10.02	122	95719	48.141	ng		93
28) bis(2-Chloroethoxy)methane	10.26	93	119450	38.465	ng		98
29) 2,4-Dichlorophenol	10.50	162	92841	43.019	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	94089	39.704	ng		95
31) Naphthalene	10.91	128	287349	41.343	ng		98
32) Benzoic acid	10.16	122	21627m	18.003	ng		
33) 4-Chloroaniline	11.03	127	74888	25.260	ng		97
34) Hexachlorobutadiene	11.17	225	57309	37.814	ng		95
35) Caprolactam	11.80	113	36029	42.068	ng	#	85
36) 4-Chloro-3-methylphenol	12.14	107	110835	44.672	ng		97
37) 2-Methylnaphthalene	12.51	142	214346	41.699	ng		98
38) 1-Methylnaphthalene	12.73	142	204024	40.931	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	109183	39.474	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	117748	77.531	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	74270	41.647	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	84268	43.353	ng		99
46) 1,1'-Biphenyl	13.51	154	278108	40.446	ng		97
47) 2-Chloronaphthalene	13.56	162	217607	41.257	ng		98
48) 2-Nitroaniline	13.77	65	79634	44.761	ng		97
49) Acenaphthylene	14.40	152	368898	41.251	ng		98
50) Dimethylphthalate	14.12	163	298583	43.839	ng		98
51) 2,6-Dinitrotoluene	14.26	165	67420	44.086	ng		98
52) Acenaphthene	14.74	154	215361	42.028	ng		96
53) 3-Nitroaniline	14.59	138	51567	31.855	ng		88
54) 2,4-Dinitrophenol	14.80	184	52656	64.742	ng		96
55) Dibenzofuran	15.07	168	363858	44.190	ng		99
56) 4-Nitrophenol	14.90	139	112302	85.955	ng		99
57) 2,4-Dinitrotoluene	15.04	165	103690	48.796	ng	#	98
58) Fluorene	15.72	166	291573	45.040	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	79842	45.266	ng		96
60) Diethylphthalate	15.48	149	322110	46.217	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	153539	44.371	ng		96
62) 4-Nitroaniline	15.76	138	82562	47.524	ng		98
63) Azobenzene	16.00	77	297883	45.312	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51959	37.402	ng		100
66) n-Nitrosodiphenylamine	15.93	169	281558	38.911	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	102927	36.989	ng		99
68) Hexachlorobenzene	16.71	284	107138	38.293	ng		95
69) Atrazine	16.87	200	109113	40.537	ng		97
70) Pentachlorophenol	17.07	266	104886	64.843	ng		97
71) Phenanthrene	17.46	178	542791	41.763	ng		98
72) Anthracene	17.55	178	551958	42.429	ng		100
73) Carbazole	17.83	167	552090	44.843	ng		98
74) Di-n-butylphthalate	18.36	149	642533	44.029	ng		99
75) Fluoranthene	19.47	202	719674	46.762	ng		99
77) Benzidine	19.66	184	260615	25.155	ng		99
78) Pyrene	19.83	202	738950	39.166	ng		99
80) Butylbenzylphthalate	20.70	149	329767	40.846	ng		98
81) Benzo(a)anthracene	21.67	228	695439	39.353	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	178599	26.568	ng		99
83) Chrysene	21.74	228	683492	40.244	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	470602	40.777	ng		99
85) Di-n-octyl phthalate	22.76	149	819279	41.667	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	832206	40.064	ng		98
88) Benzo(b)fluoranthene	23.92	252	731032	40.095	ng		99
89) Benzo(k)fluoranthene	23.99	252	743689	44.355	ng		98
90) Benzo(a)pyrene	24.82	252	732396	42.814	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	669424	42.134	ng		98
92) Benzo(g,h,i)perylene	29.92	276	668468	40.940	ng		99

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

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