Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033647.D
Acq On : 7 Apr 2018 2:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Quant Time: Apr 09 07:29:13 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Sohil

4/9/2018 5:04:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	36413	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	175389	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	133397	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	311092	20.00	ng		0.00
75) Chrysene-d12	22.56	240	303909	20.00	ng		0.00
86) Perylene-d12	26.33	264	328098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	164962	84.95	ng		0.00
7) Phenol-d6	7.98	99	296331	88.81	ng		0.00
23) Nitrobenzene-d5	10.06	82	305572	80.05	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	126705m	63.51	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	699047	75.65	ng		0.00
78) Terphenyl-d14	20.73	244	1076904	75.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	41150	41.727	ng		92
3) Pyridine	4.39	79	121059	44.407	ng		99
4) n-Nitrosodimethylamine	4.30	42	48622	43.461	ng	#	79
6) Aniline	8.15	93	174701	44.523	ng		96
8) 2-Chlorophenol	8.41	128	96587	43.507	ng		96
9) Benzaldehyde	7.96	77	70806m	33.392	ng		
10) Phenol	8.00	94	147056	44.640	ng		84
11) bis(2-Chloroethyl)ether	8.24	93	104125	38.724	ng		100
12) 1,3-Dichlorobenzene	8.75	146	114732m	39.530	ng		
13) 1,4-Dichlorobenzene	8.90	146	110802	38.119	ng		96
14) 1,2-Dichlorobenzene	9.23	146	118571	41.795	ng		98
15) Benzyl Alcohol	9.10	79	115373	43.918	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	199526	45.518	ng		90
17) 2-Methylphenol	9.30	107	97530m	43.460	ng		
18) Hexachloroethane	9.98	117	46849	41.760	ng		95
19) n-Nitroso-di-n-propylamine	9.67	70	106187	43.432	ng	#	97
20) 3+4-Methylphenols	9.63	107	141201	44.191	ng		89
22) Acetophenone	9.70	105	189161	39.367	ng	#	96
24) Nitrobenzene	10.10	77	157657	38.584	ng		91
25) Isophorone	10.62	82	291963	39.406	ng		99
26) 2-Nitrophenol	10.83	139	59233	38.290	ng	#	90
27) 2,4-Dimethylphenol	10.86	122	90501	40.271	ng		89
28) bis(2-Chloroethoxy)methane	11.10	93	141041	38.153	ng		95
29) 2,4-Dichlorophenol	11.38	162	112690	40.775	ng		91
30) 1,2,4-Trichlorobenzene	11.60	180	136655	38.058	ng		99
31) Naphthalene	11.80	128	358031	39.393	ng		99
32) Benzoic acid	11.00	122	50786m	24.310	ng		
33) 4-Chloroaniline	11.90	127	159738	39.229	ng	#	92
34) Hexachlorobutadiene	12.05	225	97722	35.988	ng		98
35) Caprolactam	12.64	113	42303	39.071	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	143525	39.817	ng		94
37) 2-Methylnaphthalene	13.35	142	280602	39.777	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	178993	37.043	ng		99
40) Hexachlorocyclopentadiene	13.67	237	92061	32.500	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	103068	36.713	ng		95
43) 2,4,5-Trichlorophenol	14.00	196	122086	36.791	ng		93
45) 1,1'-Biphenyl	14.32	154	404169	39.437	ng		98
46) 2-Chloronaphthalene	14.38	162	305141	38.615	ng		97
47) 2-Nitroaniline	14.56	65	117177	39.590	ng		86
48) Acenaphthylene	15.21	152	510499	38.703	ng		99
49) Dimethylphthalate	14.90	163	429047	36.958	ng		100
50) 2,6-Dinitrotoluene	15.04	165	91976	38.747	ng		100
51) Acenaphthene	15.54	154	321111	37.765	ng		93
52) 3-Nitroaniline	15.38	138	93747	37.670	ng	#	94
53) 2,4-Dinitrophenol	15.58	184	24572	25.722	ng		88
54) Dibenzofuran	15.87	168	469623	37.391	ng		94
55) 4-Nitrophenol	15.67	139	50058m	28.605	ng		
56) 2,4-Dinitrotoluene	15.81	165	129321	37.001	ng		95
57) Fluorene	16.51	166	395979	37.007	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	103303	33.068	ng		98
59) Diethylphthalate	16.24	149	426392	37.825	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	217122	35.299	ng		94
61) 4-Nitroaniline	16.53	138	95398	37.854	ng		88
62) Azobenzene	16.78	77	421112	38.564	ng		94
64) 4,6-Dinitro-2-methylphenol	16.57	198	58931m	31.666	ng		
65) n-Nitrosodiphenylamine	16.70	169	356610	40.153	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	140745	38.523	ng	#	93
67) Hexachlorobenzene	17.51	284	142759	37.025	ng		90
68) Atrazine	17.62	200	134463	37.363	ng		97
69) Pentachlorophenol	17.85	266	104805	39.603	ng		97
70) Phenanthrene	18.25	178	619815	38.256	ng		98
71) Anthracene	18.34	178	639301	38.971	ng		100
72) Carbazole	18.60	167	567070	39.009	ng	#	96
73) Di-n-butylphthalate	19.09	149	683741	40.410	ng	#	98
74) Fluoranthene	20.20	202	766793	38.245	ng		98
76) Benzidine	20.37	184	280916	34.085	ng		99
77) Pyrene	20.56	202	779858	38.475	ng		99
79) Butylbenzylphthalate	21.42	149	319543	42.721	ng		98
80) Benzo(a)anthracene	22.54	228	741018	38.292	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	259047	37.618	ng		97
82) Chrysene	22.61	228	735186	39.247	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	454406	44.071	ng		95
84) Di-n-octyl phthalate	23.75	149	726079	45.992	ng		99
85) Indeno(1,2,3-cd)pyrene	30.70	276	754602	37.258	ng	#	88
87) Benzo(b)fluoranthene	25.11	252	725279m	38.262	ng		
88) Benzo(k)fluoranthene	25.19	252	732297	38.197	ng		98
89) Benzo(a)pyrene	26.14	252	702896	38.613	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	566946	33.063	ng		98
91) Benzo(g,h,i)perylene	32.07	276	585830	34.501	ng		96

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

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