Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033629.D
Acq On : 6 Apr 2018 15:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/9/2018 5:04:06 PM

Quant Time: Apr 07 01:02:36 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38953	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	186715	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	137707	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	314642	20.00	ng		0.00
75) Chrysene-d12	22.56	240	302474	20.00	ng		0.00
86) Perylene-d12	26.32	264	320726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	179132	86.23	ng		0.00
7) Phenol-d6	7.97	99	315914	88.51	ng		0.00
23) Nitrobenzene-d5	10.06	82	319481	78.61	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	132476m	64.32	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	727246	76.24	ng		0.00
78) Terphenyl-d14	20.73	244	1090231	77.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	44905	42.566	ng		88
3) Pyridine	4.39	79	133311	45.713	ng		97
4) n-Nitrosodimethylamine	4.30	42	50382	42.098	ng	#	84
6) Aniline	8.15	93	184184	43.879	ng		94
8) 2-Chlorophenol	8.41	128	101934	42.922	ng		92
9) Benzaldehyde	7.97	77	74129	32.680	ng		95
10) Phenol	8.00	94	155385	44.093	ng		95
11) bis(2-Chloroethyl)ether	8.24	93	120587	41.922	ng		91
12) 1,3-Dichlorobenzene	8.75	146	126346m	40.693	ng		
13) 1,4-Dichlorobenzene	8.90	146	118036	37.960	ng		99
14) 1,2-Dichlorobenzene	9.23	146	126465	41.671	ng		95
15) Benzyl Alcohol	9.10	79	119345	42.468	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	215496	45.956	ng		90
17) 2-Methylphenol	9.30	107	108337	45.128	ng	#	91
18) Hexachloroethane	9.98	117	47332	39.439	ng		93
19) n-Nitroso-di-n-propylamine	9.66	70	113308	43.322	ng	#	95
20) 3+4-Methylphenols	9.64	107	147501	43.153	ng		91
22) Acetophenone	9.71	105	196143	38.344	ng	#	98
24) Nitrobenzene	10.11	77	167788	38.573	ng		93
25) Isophorone	10.62	82	306264	38.829	ng		100
26) 2-Nitrophenol	10.83	139	63895	38.798	ng	#	93
27) 2,4-Dimethylphenol	10.86	122	96979	40.536	ng		84
28) bis(2-Chloroethoxy)methane	11.10	93	150984	38.365	ng	#	95
29) 2,4-Dichlorophenol	11.37	162	119112	40.484	ng		91
30) 1,2,4-Trichlorobenzene	11.60	180	144293	37.747	ng		98
31) Naphthalene	11.80	128	383431	39.629	ng		98
32) Benzoic acid	11.00	122	68978m	31.015	ng		
33) 4-Chloroaniline	11.90	127	166696	38.454	ng		98
34) Hexachlorobutadiene	12.06	225	100189	34.659	ng		94
35) Caprolactam	12.64	113	44658	38.744	ng	#	83
36) 4-Chloro-3-methylphenol	12.96	107	150567	39.237	ng		96
37) 2-Methylnaphthalene	13.35	142	290275	38.652	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	185341	37.156	ng		99
40) Hexachlorocyclopentadiene	13.67	237	109709	37.518	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107566	37.116	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	132219	38.598	ng		97
45) 1,1'-Biphenyl	14.32	154	420854	39.779	ng		96
46) 2-Chloronaphthalene	14.38	162	322626	39.550	ng		96
47) 2-Nitroaniline	14.57	65	129675	42.441	ng		91
48) Acenaphthylene	15.21	152	541756	39.787	ng		99
49) Dimethylphthalate	14.91	163	445281	37.156	ng		99
50) 2,6-Dinitrotoluene	15.04	165	96190	39.254	ng		95
51) Acenaphthene	15.54	154	346310	39.453	ng		98
52) 3-Nitroaniline	15.38	138	99639	38.784	ng	#	95
53) 2,4-Dinitrophenol	15.58	184	34969	32.567	ng		88
54) Dibenzofuran	15.87	168	491000	37.869	ng		92
55) 4-Nitrophenol	15.67	139	56969m	31.536	ng		
56) 2,4-Dinitrotoluene	15.82	165	134830	37.369	ng		90
57) Fluorene	16.52	166	418135	37.854	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	108858	33.756	ng		97
59) Diethylphthalate	16.24	149	439447	37.763	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	222344	35.017	ng		95
61) 4-Nitroaniline	16.53	138	97345	37.418	ng		89
62) Azobenzene	16.78	77	444832	39.461	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	59084m	31.390	ng		
65) n-Nitrosodiphenylamine	16.70	169	372181	41.434	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	141684	38.343	ng		93
67) Hexachlorobenzene	17.51	284	145510	37.312	ng		94
68) Atrazine	17.62	200	140547	38.613	ng		99
69) Pentachlorophenol	17.85	266	108155	40.407	ng		99
70) Phenanthrene	18.25	178	645984	39.422	ng		99
71) Anthracene	18.34	178	653752	39.402	ng		100
72) Carbazole	18.60	167	574352	39.064	ng	#	96
73) Di-n-butylphthalate	19.10	149	709613	41.466	ng	#	98
74) Fluoranthene	20.21	202	770370	37.990	ng		99
76) Benzidine	20.37	184	298307	36.367	ng		99
77) Pyrene	20.56	202	791598	39.240	ng		99
79) Butylbenzylphthalate	21.42	149	325723	43.754	ng		99
80) Benzo(a)anthracene	22.54	228	744618	38.661	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	273110	39.848	ng		98
82) Chrysene	22.61	228	730918	39.204	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	462640	45.082	ng		96
84) Di-n-octyl phthalate	23.75	149	743736	47.334	ng		99
85) Indeno(1,2,3-cd)pyrene	30.71	276	775413	38.467	ng	#	89
87) Benzo(b)fluoranthene	25.11	252	701745	37.871	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	737961	39.377	ng		97
89) Benzo(a)pyrene	26.15	252	703202	39.517	ng		98
90) Dibenzo(a,h)anthracene	30.78	278	629449	37.552	ng		97
91) Benzo(g,h,i)perylene	32.08	276	623842	37.585	ng		97

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

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