Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032488.D
Acq On : 1 Feb 2018 13:56
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/2/2018 9:57:13 AM

Quant Time: Feb 01 19:06:58 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	28382	20.00	ng		0.00
21) Naphthalene-d8	11.59	136	117047	20.00	ng		-0.01
38) Acenaphthene-d10	15.35	164	80723	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	213132	20.00	ng		0.00
75) Chrysene-d12	22.41	240	266476	20.00	ng		0.00
86) Perylene-d12	26.08	264	293401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	113206	80.11	ng		0.00
7) Phenol-d6	7.83	99	149314	79.19	ng		0.00
23) Nitrobenzene-d5	9.91	82	147397	78.66	ng		-0.01
41) 2,4,6-Tribromophenol	16.82	330	127079	82.70	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	547011	80.54	ng		-0.01
78) Terphenyl-d14	20.62	244	960637	77.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	18363	38.624	ng	#	75
3) Pyridine	4.27	79	51832	40.376	ng	#	81
4) n-Nitrosodimethylamine	4.18	42	25918	38.784	ng	#	66
6) Aniline	8.01	93	89093	37.896	ng		99
8) 2-Chlorophenol	8.26	128	67352	40.323	ng	#	77
9) Benzaldehyde	7.82	77	36310	37.283	ng		85
10) Phenol	7.86	94	70849	39.566	ng		85
11) bis(2-Chloroethyl)ether	8.11	93	56611	41.492	ng	#	78
12) 1,3-Dichlorobenzene	8.60	146	89365	39.562	ng		96
13) 1,4-Dichlorobenzene	8.75	146	89483	39.523	ng		94
14) 1,2-Dichlorobenzene	9.08	146	86335	38.927	ng		96
15) Benzyl Alcohol	8.95	79	55865	35.948	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.24	45	48896	37.820	ng		63
17) 2-Methylphenol	9.16	107	54685	37.601	ng		91
18) Hexachloroethane	9.83	117	30549	40.189	ng	#	75
19) n-Nitroso-di-n-propylamine	9.53	70	46669	37.328	ng	#	88
20) 3+4-Methylphenols	9.49	107	78460	38.461	ng		95
22) Acetophenone	9.56	105	102821	37.475	ng	#	92
24) Nitrobenzene	9.96	77	71354	39.377	ng	#	88
25) Isophorone	10.47	82	123136	38.591	ng	#	85
26) 2-Nitrophenol	10.68	139	43121	39.366	ng	#	81
27) 2,4-Dimethylphenol	10.72	122	58889	37.456	ng		93
28) bis(2-Chloroethoxy)methane	10.96	93	67734	38.711	ng	#	91
29) 2,4-Dichlorophenol	11.23	162	84071	40.365	ng		88
30) 1,2,4-Trichlorobenzene	11.45	180	109049	39.284	ng		97
31) Naphthalene	11.65	128	227449	39.787	ng		98
32) Benzoic acid	10.87	122	37296	34.257	ng	#	79
33) 4-Chloroaniline	11.74	127	95152	37.319	ng		93
34) Hexachlorobutadiene	11.91	225	89644	41.507	ng		96
35) Caprolactam	12.51	113	22574	37.755	ng	#	45
36) 4-Chloro-3-methylphenol	12.82	107	78479	39.724	ng		88
37) 2-Methylnaphthalene	13.21	142	183028	38.110	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	152899	40.487	ng	#	96
40) Hexachlorocyclopentadiene	13.53	237	92819	39.337	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	83096	40.453	ng		99
43) 2,4,5-Trichlorophenol	13.87	196	95080	39.706	ng	#	93
45) 1,1'-Biphenyl	14.19	154	278389	40.820	ng		95
46) 2-Chloronaphthalene	14.24	162	214952	40.213	ng		99
47) 2-Nitroaniline	14.43	65	48264	40.830	ng	#	78
48) Acenaphthylene	15.08	152	325365	40.264	ng		98
49) Dimethylphthalate	14.78	163	290049	38.969	ng		99
50) 2,6-Dinitrotoluene	14.91	165	63068	40.371	ng	#	79
51) Acenaphthene	15.41	154	219301	39.131	ng		98
52) 3-Nitroaniline	15.25	138	54160	39.691	ng	#	75
53) 2,4-Dinitrophenol	15.44	184	30944m	34.209	ng		
54) Dibenzofuran	15.74	168	331816	40.003	ng		99
55) 4-Nitrophenol	15.54	139	37273	36.487	ng	#	74
56) 2,4-Dinitrotoluene	15.69	165	90796	40.821	ng	#	70
57) Fluorene	16.38	166	270366	39.225	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	95597	40.477	ng	#	86
59) Diethylphthalate	16.12	149	282953	39.033	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	169930	39.096	ng		93
61) 4-Nitroaniline	16.41	138	56427	38.582	ng		78
62) Azobenzene	16.65	77	171115	39.499	ng		87
64) 4,6-Dinitro-2-methylphenol	16.45	198	54642	34.318	ng	#	72
65) n-Nitrosodiphenylamine	16.58	169	253299	39.823	ng		100
66) 4-Bromophenyl-phenylether	17.25	248	125075	39.612	ng		97
67) Hexachlorobenzene	17.38	284	137895	39.463	ng	#	89
68) Atrazine	17.50	200	109326	40.039	ng		94
69) Pentachlorophenol	17.72	266	86736	39.624	ng		97
70) Phenanthrene	18.12	178	462546	38.916	ng		99
71) Anthracene	18.22	178	469703	39.688	ng		97
72) Carbazole	18.48	167	413573	39.551	ng		98
73) Di-n-butylphthalate	18.98	149	475912	41.107	ng		99
74) Fluoranthene	20.09	202	615233	39.470	ng		94
76) Benzidine	20.25	184	199392	38.106	ng		98
77) Pyrene	20.45	202	628252	38.439	ng		98
79) Butylbenzylphthalate	21.30	149	217776	42.243	ng	#	76
80) Benzo(a)anthracene	22.39	228	663460	40.161	ng		99
81) 3,3'-Dichlorobenzidine	22.28	252	260868	40.757	ng	#	95
82) Chrysene	22.46	228	631108	39.558	ng		98
83) Bis(2-ethylhexyl)phthalate	22.23	149	307192	42.025	ng	#	98
84) Di-n-octyl phthalate	23.60	149	498675	43.011	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.35	276	838793	41.561	ng	#	86
87) Benzo(b)fluoranthene	24.91	252	707445	39.906	ng	#	95
88) Benzo(k)fluoranthene	24.99	252	709475	40.399	ng	#	96
89) Benzo(a)pyrene	25.91	252	675628	39.976	ng	#	96
90) Dibenzo(a,h)anthracene	30.43	278	701187	40.556	ng	#	93
91) Benzo(g,h,i)perylene	31.70	276	686783	40.020	ng	#	91

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

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