Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032050.D
Acq On : 16 Jan 2018 2:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/16/2018 4:59:44 PM

Quant Time: Jan 16 07:43:06 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	43010	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	180726	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	133056	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	354718	20.00	ng		0.00
75) Chrysene-d12	22.47	240	421715	20.00	ng		-0.01
86) Perylene-d12	26.19	264	448015	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	178549	75.93	ng		0.00
7) Phenol-d6	7.87	99	238270	80.45	ng		0.00
23) Nitrobenzene-d5	9.96	82	224415	84.01	ng		-0.01
41) 2,4,6-Tribromophenol	16.87	330	185206	84.12	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	823306	76.72	ng		0.00
78) Terphenyl-d14	20.67	244	1427018	74.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	32270	35.718	ng	#	72
3) Pyridine	4.30	79	91718	38.033	ng		87
4) n-Nitrosodimethylamine	4.20	42	36692	43.309	ng	#	88
6) Aniline	8.06	93	148492	39.749	ng		94
8) 2-Chlorophenol	8.31	128	102841	39.081	ng	#	81
9) Benzaldehyde	7.87	77	66899	38.985	ng		82
10) Phenol	7.90	94	115263	39.507	ng		96
11) bis(2-Chloroethyl)ether	8.15	93	90632	38.775	ng	#	82
12) 1,3-Dichlorobenzene	8.65	146	132593m	38.499	ng		
13) 1,4-Dichlorobenzene	8.81	146	131570	37.941	ng		98
14) 1,2-Dichlorobenzene	9.13	146	129312	38.555	ng		96
15) Benzyl Alcohol	9.00	79	92606	43.041	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.29	45	91055	38.332	ng		82
17) 2-Methylphenol	9.20	107	88964	39.900	ng		95
18) Hexachloroethane	9.89	117	41943	39.356	ng	#	80
19) n-Nitroso-di-n-propylamine	9.58	70	75101	40.868	ng	#	88
20) 3+4-Methylphenols	9.53	107	126644	41.001	ng		95
22) Acetophenone	9.61	105	166252	40.498	ng	#	88
24) Nitrobenzene	10.01	77	109621	41.140	ng	#	85
25) Isophorone	10.53	82	206181	41.451	ng	#	85
26) 2-Nitrophenol	10.74	139	65934	41.761	ng	#	82
27) 2,4-Dimethylphenol	10.77	122	101488	40.507	ng		93
28) bis(2-Chloroethoxy)methane	11.01	93	117533	39.219	ng	#	92
29) 2,4-Dichlorophenol	11.28	162	128817	41.784	ng		89
30) 1,2,4-Trichlorobenzene	11.50	180	161485	40.559	ng		98
31) Naphthalene	11.70	128	351761	39.291	ng		98
32) Benzoic acid	10.87	122	76627	39.206	ng	#	77
33) 4-Chloroaniline	11.80	127	159232	41.476	ng		93
34) Hexachlorobutadiene	11.97	225	115621	40.431	ng		96
35) Caprolactam	12.55	113	41747	44.636	ng	#	54
36) 4-Chloro-3-methylphenol	12.87	107	122544	43.427	ng	#	83
37) 2-Methylnaphthalene	13.26	142	286408	40.295	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	224265	38.667	ng	#	95
40) Hexachlorocyclopentadiene	13.59	237	125353	38.373	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	134736	41.345	ng		95
43) 2,4,5-Trichlorophenol	13.92	196	156619	41.520	ng	#	91
45) 1,1'-Biphenyl	14.24	154	435233	38.156	ng		96
46) 2-Chloronaphthalene	14.29	162	338681	38.167	ng		97
47) 2-Nitroaniline	14.48	65	76597	45.090	ng	#	77
48) Acenaphthylene	15.13	152	529207	39.164	ng		98
49) Dimethylphthalate	14.83	163	473005	40.624	ng		98
50) 2,6-Dinitrotoluene	14.96	165	100361	41.527	ng	#	73
51) Acenaphthene	15.47	154	354838	39.713	ng		96
52) 3-Nitroaniline	15.29	138	91413	41.879	ng	#	69
53) 2,4-Dinitrophenol	15.49	184	37937	35.532	ng	#	51
54) Dibenzofuran	15.79	168	530564	39.805	ng		99
55) 4-Nitrophenol	15.56	139	69140	43.463	ng	#	78
56) 2,4-Dinitrotoluene	15.73	165	144299	44.348	ng	#	65
57) Fluorene	16.44	166	441562	40.393	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.00	232	154960	44.408	ng	#	85
59) Diethylphthalate	16.17	149	463609	41.072	ng		95
60) 4-Chlorophenyl-phenylether	16.41	204	272114	40.578	ng		92
61) 4-Nitroaniline	16.44	138	91756	43.821	ng		90
62) Azobenzene	16.71	77	287323	40.668	ng		85
64) 4,6-Dinitro-2-methylphenol	16.49	198	86079	38.939	ng	#	71
65) n-Nitrosodiphenylamine	16.63	169	410102	38.101	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	196236	38.882	ng		95
67) Hexachlorobenzene	17.44	284	208535	37.347	ng	#	90
68) Atrazine	17.55	200	184068	40.664	ng		98
69) Pentachlorophenol	17.77	266	145464	40.757	ng		97
70) Phenanthrene	18.18	178	759585	38.461	ng		99
71) Anthracene	18.26	178	763573	38.765	ng		97
72) Carbazole	18.52	167	670933	39.265	ng		100
73) Di-n-butylphthalate	19.03	149	788462	39.049	ng		99
74) Fluoranthene	20.13	202	978037	39.553	ng		95
76) Benzidine	20.30	184	389818	36.965	ng		98
77) Pyrene	20.49	202	994854	37.527	ng		97
79) Butylbenzylphthalate	21.36	149	354685	37.341	ng	#	77
80) Benzo(a)anthracene	22.45	228	1018245	38.825	ng		99
81) 3,3'-Dichlorobenzidine	22.34	252	392650	40.078	ng	#	97
82) Chrysene	22.53	228	983328	39.041	ng		99
83) Bis(2-ethylhexyl)phthalate	22.30	149	509247	36.561	ng	#	98
84) Di-n-octyl phthalate	23.68	149	822001	37.158	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.51	276	1187458	38.524	ng	#	88
87) Benzo(b)fluoranthene	25.00	252	1064862	39.323	ng	#	95
88) Benzo(k)fluoranthene	25.08	252	1030748	38.953	ng	#	97
89) Benzo(a)pyrene	26.01	252	1001965	39.114	ng	#	95
90) Dibenzo(a,h)anthracene	30.59	278	965035	39.093	ng	#	96
91) Benzo(g,h,i)perylene	31.87	276	995343	39.450	ng	#	92

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

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