Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035590.D
Acq On : 12 Jul 2018 12:01
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:25 PM

Quant Time: Jul 12 13:21:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39406	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	168347	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	122473	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	326711	20.00	ng		0.00
75) Chrysene-d12	21.69	240	355999	20.00	ng		0.00
86) Perylene-d12	24.91	264	340112	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	191387	81.96	ng		0.00
7) Phenol-d6	7.22	99	285879	82.95	ng		0.00
23) Nitrobenzene-d5	9.22	82	317681	89.70	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	123551	78.80	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	683248	72.52	ng		0.00
78) Terphenyl-d14	20.02	244	1228691	72.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	44875	40.280	ng	#	75
3) Pyridine	3.95	79	130465	43.402	ng	#	73
4) n-Nitrosodimethylamine	3.87	42	53638	41.535	ng	#	83
6) Aniline	7.38	93	183934	41.289	ng	#	96
8) 2-Chlorophenol	7.62	128	96959	39.614	ng		97
9) Benzaldehyde	7.20	77	88636	33.389	ng		99
10) Phenol	7.25	94	145367	40.758	ng		92
11) bis(2-Chloroethyl)ether	7.48	93	112073	40.485	ng		91
12) 1,3-Dichlorobenzene	7.95	146	115050	39.396	ng	#	94
13) 1,4-Dichlorobenzene	8.09	146	117715	39.047	ng		97
14) 1,2-Dichlorobenzene	8.41	146	112410	39.697	ng		98
15) Benzyl Alcohol	8.29	79	129324	39.602	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.58	45	93553	33.955	ng		81
17) 2-Methylphenol	8.50	107	99507	42.318	ng	#	90
18) Hexachloroethane	9.14	117	44246	40.996	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	117172	40.018	ng		90
20) 3+4-Methylphenols	8.82	107	141569	42.003	ng		90
22) Acetophenone	8.88	105	201805	38.698	ng	#	92
24) Nitrobenzene	9.26	77	156812	43.239	ng		92
25) Isophorone	9.78	82	292135	39.069	ng		99
26) 2-Nitrophenol	9.97	139	58057	46.443	ng	#	80
27) 2,4-Dimethylphenol	10.03	122	96815	36.846	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	161635	40.225	ng		97
29) 2,4-Dichlorophenol	10.51	162	113268	39.617	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	132130	38.541	ng		95
31) Naphthalene	10.91	128	332516	38.022	ng		98
32) Benzoic acid	10.17	122	64890m	36.870	ng		
33) 4-Chloroaniline	11.02	127	147148	38.750	ng	#	87
34) Hexachlorobutadiene	11.20	225	102806	38.559	ng		97
35) Caprolactam	11.79	113	45040	42.626	ng	#	81
36) 4-Chloro-3-methylphenol	12.14	107	148779	41.746	ng		92
37) 2-Methylnaphthalene	12.51	142	254947	38.451	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	172434	37.799	ng		99
40) Hexachlorocyclopentadiene	12.86	237	94176	32.920	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	108169	39.600	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	112459	37.510	ng		94
45) 1,1'-Biphenyl	13.52	154	360169	36.572	ng		99
46) 2-Chloronaphthalene	13.56	162	275525	37.004	ng		97
47) 2-Nitroaniline	13.76	65	100888	45.886	ng		93
48) Acenaphthylene	14.40	152	467529	37.447	ng		95
49) Dimethylphthalate	14.13	163	397362	37.206	ng		99
50) 2,6-Dinitrotoluene	14.25	165	84634	43.438	ng		96
51) Acenaphthene	14.74	154	286838	35.163	ng		96
52) 3-Nitroaniline	14.58	138	87656	45.848	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	37044	46.979	ng	#	58
54) Dibenzofuran	15.08	168	461770	37.797	ng		94
55) 4-Nitrophenol	14.89	139	62040	38.449	ng	#	81
56) 2,4-Dinitrotoluene	15.04	165	125422	48.459	ng		95
57) Fluorene	15.72	166	380893	37.305	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	111576	38.309	ng		95
59) Diethylphthalate	15.49	149	414331	38.025	ng		96
60) 4-Chlorophenyl-phenylether	15.71	204	224115	38.493	ng		96
61) 4-Nitroaniline	15.74	138	92132	44.934	ng	#	79
62) Azobenzene	16.01	77	408171	38.226	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	69937	46.885	ng		87
65) n-Nitrosodiphenylamine	15.93	169	359631	36.654	ng		96
66) 4-Bromophenyl-phenylether	16.61	248	148122	37.648	ng		93
67) Hexachlorobenzene	16.73	284	149779	37.402	ng		97
68) Atrazine	16.88	200	152872	36.537	ng		95
69) Pentachlorophenol	17.07	266	95143	35.333	ng		97
70) Phenanthrene	17.46	178	620578	37.393	ng		98
71) Anthracene	17.56	178	622991	37.475	ng		98
72) Carbazole	17.82	167	594235	38.525	ng		99
73) Di-n-butylphthalate	18.37	149	706869	38.449	ng	#	99
74) Fluoranthene	19.47	202	844134	39.087	ng		96
76) Benzidine	19.65	184	343371	25.926	ng		99
77) Pyrene	19.83	202	849830	36.211	ng		97
79) Butylbenzylphthalate	20.71	149	316664	37.158	ng		96
80) Benzo(a)anthracene	21.67	228	840386	36.941	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	302428	35.335	ng		99
82) Chrysene	21.73	228	778044	37.354	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	431315	35.819	ng	#	99
84) Di-n-octyl phthalate	22.78	149	726497	35.167	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	879964	36.072	ng	#	91
87) Benzo(b)fluoranthene	23.89	252	786550	37.553	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	791759	38.644	ng	#	97
89) Benzo(a)pyrene	24.76	252	755481	38.333	ng	#	95
90) Dibenzo(a,h)anthracene	28.65	278	740434	38.057	ng	#	95
91) Benzo(g,h,i)perylene	29.73	276	726993	38.182	ng	#	93

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

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