Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030715.D
Acq On : 4 Nov 2017 00:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:45 PM

Quant Time: Nov 04 01:37:22 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 18:14:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	63855	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	308303	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	205509	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	498691	20.00	ng		0.00
75) Chrysene-d12	21.78	240	524178	20.00	ng		0.00
86) Perylene-d12	25.09	264	538079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	302730	79.20	ng		0.00
7) Phenol-d6	7.31	99	441121	82.22	ng		0.00
23) Nitrobenzene-d5	9.32	82	415543	85.65	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	235109	88.61	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1121318	80.03	ng		0.00
78) Terphenyl-d14	20.10	244	1768349	76.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	60307	38.886	ng		86
3) Pyridine	3.98	79	180223	39.905	ng		94
4) n-Nitrosodimethylamine	3.89	42	80152	37.966	ng	#	96
6) Aniline	7.47	93	275662	41.492	ng		96
8) 2-Chlorophenol	7.72	128	166956	38.106	ng		91
9) Benzaldehyde	7.28	77	125268	46.419	ng		91
10) Phenol	7.34	94	226338	39.130	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	176407	41.859	ng		89
12) 1,3-Dichlorobenzene	8.04	146	189885	38.603	ng		96
13) 1,4-Dichlorobenzene	8.19	146	194513	38.731	ng		95
14) 1,2-Dichlorobenzene	8.51	146	188447	38.903	ng		98
15) Benzyl Alcohol	8.39	79	166657	44.078	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.68	45	240440m	33.595	ng		
17) 2-Methylphenol	8.59	107	154574	40.228	ng		96
18) Hexachloroethane	9.24	117	67433	39.401	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	158692	43.500	ng	#	96
20) 3+4-Methylphenols	8.92	107	226499	41.834	ng		97
22) Acetophenone	8.98	105	301061	40.520	ng	#	92
24) Nitrobenzene	9.36	77	210294	38.551	ng	#	89
25) Isophorone	9.88	82	392948	38.798	ng	#	92
26) 2-Nitrophenol	10.07	139	108253	41.522	ng	#	86
27) 2,4-Dimethylphenol	10.13	122	170602	36.167	ng		89
28) bis(2-Chloroethoxy)methane	10.36	93	256089	41.235	ng		96
29) 2,4-Dichlorophenol	10.61	162	200856	39.931	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	221717	40.799	ng		96
31) Naphthalene	11.02	128	606108	39.447	ng		98
32) Benzoic acid	10.27	122	160304	40.587	ng		88
33) 4-Chloroaniline	11.12	127	271451	41.999	ng		93
34) Hexachlorobutadiene	11.30	225	139633	41.326	ng		96
35) Caprolactam	11.89	113	75293	45.039	ng	#	81
36) 4-Chloro-3-methylphenol	12.23	107	215021	38.866	ng	#	83
37) 2-Methylnaphthalene	12.61	142	462530	41.303	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	303700	40.476	ng		98
40) Hexachlorocyclopentadiene	12.95	237	119929	44.395	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	183010	38.854	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	200762	41.503	ng		94
45) 1,1'-Biphenyl	13.61	154	687770	38.936	ng		97
46) 2-Chloronaphthalene	13.65	162	494011	38.342	ng		96
47) 2-Nitroaniline	13.85	65	148220	41.882	ng	#	82
48) Acenaphthylene	14.49	152	819005	40.616	ng		99
49) Dimethylphthalate	14.22	163	660293	41.180	ng		99
50) 2,6-Dinitrotoluene	14.34	165	147767	43.961	ng	#	77
51) Acenaphthene	14.83	154	516895	39.398	ng		98
52) 3-Nitroaniline	14.67	138	153719	42.381	ng	#	85
53) 2,4-Dinitrophenol	14.88	184	62449	37.573	ng	#	48
54) Dibenzofuran	15.17	168	793031	42.341	ng		99
55) 4-Nitrophenol	14.97	139	115781	38.719	ng	#	81
56) 2,4-Dinitrotoluene	15.13	165	202464	44.496	ng	#	77
57) Fluorene	15.81	166	629300	40.672	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	182100	45.122	ng	#	92
59) Diethylphthalate	15.57	149	659812	41.290	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	363960	44.119	ng		93
61) 4-Nitroaniline	15.83	138	159532	42.834	ng		86
62) Azobenzene	16.09	77	561239	41.650	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	119887	42.871	ng		81
65) n-Nitrosodiphenylamine	16.01	169	596935	39.959	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	230965	40.362	ng		99
67) Hexachlorobenzene	16.82	284	248054	38.269	ng		93
68) Atrazine	16.95	200	223010	41.838	ng		99
69) Pentachlorophenol	17.16	266	158475	42.560	ng		98
70) Phenanthrene	17.55	178	1010333	39.217	ng		99
71) Anthracene	17.64	178	1018217	39.361	ng		98
72) Carbazole	17.91	167	948904	38.185	ng		99
73) Di-n-butylphthalate	18.45	149	1120498	39.205	ng		100
74) Fluoranthene	19.55	202	1230774	40.845	ng		97
76) Benzidine	19.72	184	594570	37.567	ng		97
77) Pyrene	19.91	202	1259201	39.600	ng		96
79) Butylbenzylphthalate	20.78	149	521094	38.465	ng		87
80) Benzo(a)anthracene	21.76	228	1244850	40.449	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	509487	40.108	ng		99
82) Chrysene	21.83	228	1174618	39.854	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	729631	37.528	ng		99
84) Di-n-octyl phthalate	22.88	149	1234912	36.445	ng		96
85) Indeno(1,2,3-cd)pyrene	28.87	276	1494897	41.227	ng		98
87) Benzo(b)fluoranthene	24.03	252	1263720	41.023	ng		99
88) Benzo(k)fluoranthene	24.10	252	1282412	41.786	ng		98
89) Benzo(a)pyrene	24.93	252	1201357	40.566	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1265586	42.211	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1214224	43.587	ng		98

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

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