Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110417\
Data File : BG030711.D
Acq On : 3 Nov 2017 22:08
Operator : SJ/JU
Sample : I6189-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LEONIA-GENMSD

Manual Integrations APPROVED
Sohil
11/4/2017 2:21:40 PM

Quant Time: Nov 03 23:27:18 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	60538	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	264462	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	185508	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	450657	20.00	ng		0.00
75) Chrysene-d12	21.78	240	489497	20.00	ng		0.00
86) Perylene-d12	25.09	264	499837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	493192	136.10	ng		0.00
7) Phenol-d6	7.31	99	633011	124.45	ng		0.00
23) Nitrobenzene-d5	9.32	82	418065	100.46	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	368044	153.67	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1102734	87.18	ng		0.00
78) Terphenyl-d14	20.10	244	1872517	87.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	63455	43.157	ng	#	83
3) Pyridine	3.99	79	144976	33.859	ng		91
4) n-Nitrosodimethylamine	3.89	42	85354	42.646	ng	#	92
6) Aniline	7.47	93	82481	13.095	ng		94
8) 2-Chlorophenol	7.72	128	195469	47.058	ng		90
9) Benzaldehyde	7.29	77	38558	15.071	ng		89
10) Phenol	7.34	94	233266	42.537	ng		92
11) bis(2-Chloroethyl)ether	7.56	93	189595	47.453	ng		91
12) 1,3-Dichlorobenzene	8.04	146	213219	45.721	ng		95
13) 1,4-Dichlorobenzene	8.19	146	213296	44.798	ng		96
14) 1,2-Dichlorobenzene	8.51	146	203255	44.259	ng		95
15) Benzyl Alcohol	8.39	79	175756	49.031	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.68	45	295277	43.517	ng		93
17) 2-Methylphenol	8.59	107	176547	48.464	ng		96
18) Hexachloroethane	9.24	117	74059	45.643	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	157175	45.444	ng	#	97
20) 3+4-Methylphenols	8.92	107	240617	46.877	ng		95
22) Acetophenone	8.98	105	294755	46.248	ng	#	94
24) Nitrobenzene	9.36	77	226259	48.354	ng	#	93
25) Isophorone	9.88	82	434462	50.007	ng	#	94
26) 2-Nitrophenol	10.07	139	115553	51.669	ng	#	88
27) 2,4-Dimethylphenol	10.13	122	200418	49.532	ng		92
28) bis(2-Chloroethoxy)methane	10.36	93	267564	50.225	ng		96
29) 2,4-Dichlorophenol	10.61	162	225291	52.213	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	228189	48.951	ng		99
31) Naphthalene	11.02	128	771079	58.503	ng		98
32) Benzoic acid	10.27	122	120227	35.486	ng	#	83
33) 4-Chloroaniline	11.13	127	18671	3.368	ng	#	91
34) Hexachlorobutadiene	11.30	225	142335	49.110	ng		97
35) Caprolactam	11.89	113	63517m	44.293	ng		
36) 4-Chloro-3-methylphenol	12.24	107	233660	49.237	ng	#	87
37) 2-Methylnaphthalene	12.61	142	503108	52.374	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	275499	40.677	ng		98
40) Hexachlorocyclopentadiene	12.95	237	295594	113.158	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	194932	45.848	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	217808	49.882	ng		96
45) 1,1'-Biphenyl	13.60	154	664343	41.664	ng		98
46) 2-Chloronaphthalene	13.65	162	518731	44.601	ng		97
47) 2-Nitroaniline	13.85	65	153712	48.117	ng	#	83
48) Acenaphthylene	14.49	152	825411	45.347	ng		98
49) Dimethylphthalate	14.22	163	687343	47.489	ng		99
50) 2,6-Dinitrotoluene	14.34	165	157416	51.881	ng	#	81
51) Acenaphthene	14.83	154	522692	44.135	ng		99
52) 3-Nitroaniline	14.67	138	35912	10.969	ng	#	83
53) 2,4-Dinitrophenol	14.88	184	180152	105.517	ng	#	52
54) Dibenzofuran	15.17	168	845423	50.005	ng		99
55) 4-Nitrophenol	14.98	139	246056	91.158	ng	#	80
56) 2,4-Dinitrotoluene	15.13	165	227424	55.370	ng	#	76
57) Fluorene	15.81	166	667754	47.811	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	207219	56.882	ng	#	93
59) Diethylphthalate	15.57	149	691730	47.955	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	375268	50.394	ng		96
61) 4-Nitroaniline	15.83	138	139546	41.508	ng		83
62) Azobenzene	16.09	77	608169	49.998	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	121671	47.531	ng		84
65) n-Nitrosodiphenylamine	16.01	169	583827	43.247	ng		100
66) 4-Bromophenyl-phenylether	16.69	248	246836	47.733	ng		98
67) Hexachlorobenzene	16.82	284	268235	45.793	ng		95
68) Atrazine	16.95	200	175512	36.437	ng		100
69) Pentachlorophenol	17.16	266	316468	94.050	ng		98
70) Phenanthrene	17.55	178	1127967	48.450	ng		98
71) Anthracene	17.64	178	1134104	48.513	ng		98
72) Carbazole	17.91	167	1018492	45.354	ng		98
73) Di-n-butylphthalate	18.45	149	1212541	46.947	ng		99
74) Fluoranthene	19.55	202	1370610	50.334	ng		95
76) Benzidine	19.73	184	81154m	5.491	ng		
77) Pyrene	19.91	202	1400105	47.151	ng		96
79) Butylbenzylphthalate	20.78	149	579219	45.785	ng		87
80) Benzo(a)anthracene	21.76	228	1413995	49.200	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	119481	10.072	ng		98
82) Chrysene	21.83	228	1314591	47.763	ng		96
83) Bis(2-ethylhexyl)phthalate	21.64	149	815893	44.939	ng		98
84) Di-n-octyl phthalate	22.88	149	1381886	43.672	ng		96
85) Indeno(1,2,3-cd)pyrene	28.88	276	1715001	50.649	ng		98
87) Benzo(b)fluoranthene	24.03	252	1429341	49.949	ng		99
88) Benzo(k)fluoranthene	24.10	252	1432170	50.236	ng		98
89) Benzo(a)pyrene	24.93	252	1395267	50.718	ng		99
90) Dibenzo(a,h)anthracene	28.93	278	1441741	51.766	ng		97
91) Benzo(g,h,i)perylene	30.06	276	1427122	55.149	ng		99

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

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