Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110217\
Data File : BG030677.D
Acq On : 3 Nov 2017 00:24
Operator : SJ/JU
Sample : I6157-08MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RLF-SD-6MS

Manual Integrations APPROVED

Quant Time: Nov 03 16:16:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 17:41:24 2017
Response via : Initial Calibration

Sohil

11/3/2017 1:24:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	64231	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	295008	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	205454	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	502929	20.00	ng		0.00
75) Chrysene-d12	21.78	240	551110	20.00	ng		0.00
86) Perylene-d12	25.08	264	576085	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	411718	107.08	ng		0.00
7) Phenol-d6	7.31	99	577179	106.95	ng		0.00
23) Nitrobenzene-d5	9.32	82	325594	70.14	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	302619	114.08	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	899241	64.19	ng		0.00
78) Terphenyl-d14	20.10	244	1480823	61.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	44658	28.627	ng	#	85
3) Pyridine	3.97	79	122104	26.878	ng		90
4) n-Nitrosodimethylamine	3.88	42	58687	27.636	ng	#	95
6) Aniline	7.47	93	146807	21.967	ng		96
8) 2-Chlorophenol	7.72	128	143570	32.577	ng		91
9) Benzaldehyde	7.29	77	55354	20.392	ng		92
10) Phenol	7.34	94	217329	37.352	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	131361m	30.988	ng		
12) 1,3-Dichlorobenzene	8.04	146	133376	26.956	ng		95
13) 1,4-Dichlorobenzene	8.19	146	137937	27.305	ng		95
14) 1,2-Dichlorobenzene	8.51	146	132989	27.293	ng		94
15) Benzyl Alcohol	8.39	79	126283	33.204	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.68	45	203650	28.288	ng		92
17) 2-Methylphenol	8.59	107	134683	34.846	ng		97
18) Hexachloroethane	9.24	117	45847	26.631	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	112940	30.777	ng	#	95
20) 3+4-Methylphenols	8.92	107	183173	33.634	ng		95
22) Acetophenone	8.98	105	215835	30.358	ng	#	92
24) Nitrobenzene	9.36	77	160653	30.778	ng		90
25) Isophorone	9.88	82	316468	32.654	ng	#	92
26) 2-Nitrophenol	10.08	139	82047	32.888	ng	#	85
27) 2,4-Dimethylphenol	10.13	122	150706	33.389	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	198775	33.449	ng		97
29) 2,4-Dichlorophenol	10.62	162	166008	34.490	ng		93
30) 1,2,4-Trichlorobenzene	10.83	180	159001	30.577	ng		98
31) Naphthalene	11.02	128	437277	29.741	ng		99
33) 4-Chloroaniline	11.12	127	144249	23.324	ng		94
34) Hexachlorobutadiene	11.30	225	91865	28.414	ng		96
35) Caprolactam	11.88	113	55766	34.862	ng	#	83
36) 4-Chloro-3-methylphenol	12.23	107	178413	33.702	ng		87
37) 2-Methylnaphthalene	12.61	142	350277	32.689	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	200342	26.708	ng		99
40) Hexachlorocyclopentadiene	12.95	237	187017	66.640	ng		91
42) 2,4,6-Trichlorophenol	13.21	196	143996	30.580	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.29	196	159811	33.047	ng		96
45) 1,1'-Biphenyl	13.61	154	480038	27.183	ng		98
46) 2-Chloronaphthalene	13.65	162	381175	29.592	ng		97
47) 2-Nitroaniline	13.85	65	118200	33.408	ng	#	81
48) Acenaphthylene	14.49	152	594655	29.498	ng		99
49) Dimethylphthalate	14.22	163	673402	42.009	ng		99
50) 2,6-Dinitrotoluene	14.34	165	116863	34.777	ng	#	76
51) Acenaphthene	14.84	154	372343	28.387	ng		99
52) 3-Nitroaniline	14.67	138	102588	28.291	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	20631	16.856	ng	#	53
54) Dibenzofuran	15.16	168	615512	32.872	ng		99
55) 4-Nitrophenol	14.98	139	164323	54.967	ng	#	79
56) 2,4-Dinitrotoluene	15.12	165	170570	37.496	ng	#	75
57) Fluorene	15.81	166	488735	31.596	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	145123	35.969	ng		94
59) Diethylphthalate	15.57	149	509529	31.894	ng		99
60) 4-Chlorophenyl-phenylether	15.80	204	274273	33.256	ng		92
61) 4-Nitroaniline	15.83	138	134185	36.038	ng		82
62) Azobenzene	16.09	77	486744	36.131	ng		95
64) 4,6-Dinitro-2-methylphenol	15.89	198	49003	20.349	ng		84
65) n-Nitrosodiphenylamine	16.01	169	456916	30.328	ng		99
66) 4-Bromophenyl-phenylether	16.69	248	182474	31.619	ng		98
67) Hexachlorobenzene	16.82	284	203073	31.065	ng	#	92
68) Atrazine	16.95	200	182607	33.969	ng		99
69) Pentachlorophenol	17.16	266	192372	51.228	ng		98
70) Phenanthrene	17.55	178	816903	31.442	ng		98
71) Anthracene	17.64	178	844034	32.352	ng		99
72) Carbazole	17.91	167	791328	31.576	ng		99
73) Di-n-butylphthalate	18.45	149	905776	31.425	ng		100
74) Fluoranthene	19.55	202	1023590	33.683	ng		97
76) Benzidine	19.72	184	441267	26.518	ng		98
77) Pyrene	19.91	202	1048934	31.376	ng		97
79) Butylbenzylphthalate	20.78	149	431809	30.317	ng		89
80) Benzo(a)anthracene	21.76	228	1063068	32.854	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	291194	21.803	ng		99
82) Chrysene	21.83	228	1003800	32.394	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	636064	31.117	ng		100
84) Di-n-octyl phthalate	22.88	149	1104873	31.014	ng		95
85) Indeno(1,2,3-cd)pyrene	28.87	276	1307676	34.302	ng		98
87) Benzo(b)fluoranthene	24.03	252	1097658	33.281	ng		99
88) Benzo(k)fluoranthene	24.10	252	1090683	33.194	ng		97
89) Benzo(a)pyrene	24.93	252	1068997	33.715	ng		99
90) Dibenzo(a,h)anthracene	28.92	278	1100131	34.272	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1084015	36.346	ng		97

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

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