Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062817\
Data File : BG027731.D
Acq On : 29 Jun 2017 7:59
Operator : SJ/JU
Sample : I3925-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-062617MSD

Manual Integrations APPROVED
mohammad
6/29/2017 4:49:13 PM

Quant Time: Jun 29 12:11:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	34936	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	172427	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	106985	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	268666	20.00	ng		0.00
75) Chrysene-d12	22.17	240	294129	20.00	ng		0.00
86) Perylene-d12	25.79	264	273630	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	327903	144.53	ng		0.00
7) Phenol-d6	7.62	99	452374	130.52	ng		0.00
23) Nitrobenzene-d5	9.64	82	289543	93.60	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	234633	159.90	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	696390	92.96	ng		0.00
78) Terphenyl-d14	20.39	244	1249731	99.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	29843	35.331	ng	#	92
3) Pyridine	4.44	79	69704	26.800	ng		91
4) n-Nitrosodimethylamine	4.34	42	49909	39.131	ng	#	75
6) Aniline	7.81	93	119880	29.840	ng		95
8) 2-Chlorophenol	8.04	128	124427	49.081	ng		91
9) Benzaldehyde	7.62	77	42637	20.674	ng		84
10) Phenol	7.65	94	153808	44.855	ng		78
11) bis(2-Chloroethyl)ether	7.88	93	111119	42.662	ng		97
12) 1,3-Dichlorobenzene	8.37	146	110072	40.819	ng	#	87
13) 1,4-Dichlorobenzene	8.51	146	113847	40.745	ng		94
14) 1,2-Dichlorobenzene	8.83	146	111472	41.146	ng		94
15) Benzyl Alcohol	8.71	79	116390	48.544	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.98	45	233771	42.079	ng		99
17) 2-Methylphenol	8.90	107	112980	46.571	ng	#	86
18) Hexachloroethane	9.56	117	39555	40.245	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	104775	41.553	ng		94
20) 3+4-Methylphenols	9.22	107	156016	44.596	ng		88
22) Acetophenone	9.29	105	186685	44.867	ng	#	89
24) Nitrobenzene	9.69	77	141558	43.771	ng	#	86
25) Isophorone	10.20	82	294368	43.657	ng	#	95
26) 2-Nitrophenol	10.40	139	67506	46.212	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	135022	49.349	ng		93
28) bis(2-Chloroethoxy)methane	10.67	93	164602	43.059	ng	#	96
29) 2,4-Dichlorophenol	10.93	162	119460	49.821	ng		98
30) 1,2,4-Trichlorobenzene	11.15	180	106290	43.464	ng		95
31) Naphthalene	11.34	128	390495	42.586	ng		99
32) Benzoic acid	10.56	122	74796	45.330	ng	#	81
33) 4-Chloroaniline	11.45	127	28140	7.104	ng	#	87
34) Hexachlorobutadiene	11.61	225	58786	43.143	ng		98
35) Caprolactam	12.22	113	45782m	37.961	ng		
36) 4-Chloro-3-methylphenol	12.53	107	158972	47.116	ng		90
37) 2-Methylnaphthalene	12.91	142	298643m	43.727	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	126974	45.165	ng	#	97
40) Hexachlorocyclopentadiene	13.25	237	148043	111.688	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	100891	49.688	ng		92
43) 2,4,5-Trichlorophenol	13.58	196	110041	47.829	ng	#	95
45) 1,1'-Biphenyl	13.90	154	393188	45.852	ng		97
46) 2-Chloronaphthalene	13.95	162	292416	45.141	ng		97
47) 2-Nitroaniline	14.15	65	125472	48.390	ng	#	87
48) Acenaphthylene	14.79	152	510757	43.150	ng		98
49) Dimethylphthalate	14.50	163	427241	46.813	ng		98
50) 2,6-Dinitrotoluene	14.63	165	94039	47.400	ng	#	79
51) Acenaphthene	15.13	154	328325	43.277	ng		96
52) 3-Nitroaniline	14.96	138	54882	23.514	ng		87
53) 2,4-Dinitrophenol	15.16	184	112872	101.129	ng		90
54) Dibenzofuran	15.46	168	481640	48.012	ng		97
55) 4-Nitrophenol	15.26	139	179484	100.738	ng	#	55
56) 2,4-Dinitrotoluene	15.41	165	139862	50.543	ng	#	87
57) Fluorene	16.11	166	430612	44.272	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	105166m	53.026	ng		
59) Diethylphthalate	15.85	149	480180	47.515	ng		95
60) 4-Chlorophenyl-phenylether	16.08	204	196525	45.643	ng		93
61) 4-Nitroaniline	16.13	138	116409	47.874	ng	#	62
62) Azobenzene	16.38	77	446723	50.306	ng		92
64) 4,6-Dinitro-2-methylphenol	16.17	198	76779	46.078	ng		80
65) n-Nitrosodiphenylamine	16.30	169	392340	44.892	ng		98
66) 4-Bromophenyl-phenylether	16.98	248	131231	46.702	ng	#	89
67) Hexachlorobenzene	17.11	284	133922	45.002	ng		94
68) Atrazine	17.24	200	103538	37.524	ng		95
69) Pentachlorophenol	17.45	266	174081	90.727	ng		97
70) Phenanthrene	17.85	178	716046	46.166	ng		95
71) Anthracene	17.95	178	721295	46.053	ng		98
72) Carbazole	18.21	167	671367	43.525	ng		96
73) Di-n-butylphthalate	18.73	149	855746	50.485	ng	#	94
74) Fluoranthene	19.85	202	821083	48.439	ng		92
76) Benzidine	20.04	184	41090m	8.693	ng		
77) Pyrene	20.21	202	842689	45.653	ng		96
79) Butylbenzylphthalate	21.08	149	404807	48.693	ng	#	90
80) Benzo(a)anthracene	22.15	228	815703	45.871	ng		94
81) 3,3'-Dichlorobenzidine	22.05	252	158406	24.544	ng	#	98
82) Chrysene	22.22	228	749789	44.983	ng		96
83) Bis(2-ethylhexyl)phthalate	22.00	149	572439	47.119	ng	#	94
84) Di-n-octyl phthalate	23.35	149	961189	47.889	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.94	276	910052	47.771	ng	#	87
87) Benzo(b)fluoranthene	24.63	252	798454	45.293	ng	#	96
88) Benzo(k)fluoranthene	24.70	252	792253	45.465	ng	#	92
89) Benzo(a)pyrene	25.61	252	762314	46.084	ng	#	92
90) Dibenzo(a,h)anthracene	30.00	278	773996	46.187	ng	#	94
91) Benzo(g,h,i)perylene	31.26	276	725779	45.065	ng	#	86

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

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