Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062917\
Data File : BG027754.D
Acq On : 29 Jun 2017 23:49
Operator : SJ/JU
Sample : I3928-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-Q6-WSWMSD

Manual Integrations APPROVED
mohammad
6/30/2017 2:50:53 PM

Quant Time: Jun 30 05:49:05 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	34636	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	170482	20.00	ng		0.00
38) Acenaphthene-d10	15.06	164	108253	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	259172	20.00	ng		0.00
75) Chrysene-d12	22.17	240	282088	20.00	ng		0.00
86) Perylene-d12	25.79	264	261467	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	327018	145.39	ng		0.00
7) Phenol-d6	7.62	99	482731	140.49	ng		0.00
23) Nitrobenzene-d5	9.64	82	283741	92.77	ng		0.00
41) 2,4,6-Tribromophenol	16.55	330	250167	168.48	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	695248	91.72	ng		0.00
78) Terphenyl-d14	20.39	244	1220674	101.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	27926	33.35	ng		89
3) Pyridine	4.43	79	82102	31.84	ng		93
4) n-Nitrosodimethylamine	4.34	42	50174	39.68	ng	#	76
6) Aniline	7.80	93	155720	39.10	ng		98
8) 2-Chlorophenol	8.04	128	116216	46.24	ng		92
9) Benzaldehyde	7.62	77	55076	26.94	ng		88
10) Phenol	7.65	94	166297	48.92	ng		82
11) bis(2-Chloroethyl)ether	7.88	93	103496	40.08	ng		97
12) 1,3-Dichlorobenzene	8.37	146	107139	40.08	ng	#	90
13) 1,4-Dichlorobenzene	8.51	146	110945	40.05	ng		95
14) 1,2-Dichlorobenzene	8.84	146	111715	41.59	ng		94
15) Benzyl Alcohol	8.71	79	104810	44.09	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.99	45	229183	41.61	ng		97
17) 2-Methylphenol	8.89	107	109862	45.68	ng	#	86
18) Hexachloroethane	9.56	117	37467	38.45	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	97465	38.99	ng		95
20) 3+4-Methylphenols	9.22	107	152169	43.87	ng		89
22) Acetophenone	9.29	105	174492	42.42	ng	#	89
24) Nitrobenzene	9.69	77	137664	43.05	ng	#	82
25) Isophorone	10.20	82	277158	41.57	ng	#	95
26) 2-Nitrophenol	10.40	139	66339	45.93	ng	#	79
27) 2,4-Dimethylphenol	10.43	122	136787	50.56	ng		91
28) bis(2-Chloroethoxy)methane	10.67	93	155307	41.09	ng		96
29) 2,4-Dichlorophenol	10.93	162	117800	49.69	ng		97
30) 1,2,4-Trichlorobenzene	11.15	180	106702	44.13	ng		99
31) Naphthalene	11.34	128	386998	42.69	ng		99
32) Benzoic acid	10.51	122	6369	12.00	ng	#	72
33) 4-Chloroaniline	11.44	127	89706	22.90	ng	#	90
34) Hexachlorobutadiene	11.61	225	58349	43.31	ng		99
35) Caprolactam	12.21	113	51967m	43.58	ng		
36) 4-Chloro-3-methylphenol	12.53	107	154629	46.35	ng	#	83
37) 2-Methylnaphthalene	12.91	142	336629	49.85	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	124074	43.62	ng	#	97
40) Hexachlorocyclopentadiene	13.25	237	141371	105.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.50	196	98474	47.93	ng		94
43) 2,4,5-Trichlorophenol	13.58	196	109688	47.12	ng	#	96
45) 1,1'-Biphenyl	13.90	154	390408	44.99	ng		97
46) 2-Chloronaphthalene	13.95	162	283227	43.21	ng		98
47) 2-Nitroaniline	14.15	65	120748	46.02	ng	#	86
48) Acenaphthylene	14.79	152	492965	41.16	ng		98
49) Dimethylphthalate	14.50	163	511415	55.38	ng		97
50) 2,6-Dinitrotoluene	14.63	165	91149	45.40	ng	#	81
51) Acenaphthene	15.13	154	314690	40.99	ng		97
52) 3-Nitroaniline	14.96	138	86246	36.52	ng		85
53) 2,4-Dinitrophenol	15.16	184	80198	73.57	ng		92
54) Dibenzofuran	15.46	168	473372	46.64	ng		97
55) 4-Nitrophenol	15.26	139	185980	103.16	ng	#	58
56) 2,4-Dinitrotoluene	15.41	165	137949	49.27	ng	#	90
57) Fluorene	16.11	166	420006	42.68	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.68	232	104533m	52.09	ng		
59) Diethylphthalate	15.85	149	468037	45.77	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	189777	43.56	ng		93
61) 4-Nitroaniline	16.13	138	118898	48.32	ng	#	67
62) Azobenzene	16.38	77	416656	46.37	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	76760	47.54	ng		86
65) n-Nitrosodiphenylamine	16.30	169	385767	45.76	ng		98
66) 4-Bromophenyl-phenylether	16.98	248	127167	46.91	ng		91
67) Hexachlorobenzene	17.11	284	132729	46.24	ng		97
68) Atrazine	17.24	200	135236	50.81	ng		97
69) Pentachlorophenol	17.46	266	173662	93.61	ng		97
70) Phenanthrene	17.85	178	698953	46.72	ng		95
71) Anthracene	17.95	178	696250	46.08	ng		98
72) Carbazole	18.21	167	659461	44.32	ng		96
73) Di-n-butylphthalate	18.74	149	823253	50.35	ng	#	93
74) Fluoranthene	19.85	202	794566	48.59	ng		93
76) Benzidine	20.02	184	335757	49.87	ng		96
77) Pyrene	20.21	202	813291	45.94	ng		98
79) Butylbenzylphthalate	21.08	149	395410	49.59	ng	#	89
80) Benzo(a)anthracene	22.16	228	801052	46.97	ng		96
81) 3,3'-Dichlorobenzidine	22.05	252	193000	31.18	ng	#	98
82) Chrysene	22.23	228	741215	46.37	ng		95
83) Bis(2-ethylhexyl)phthalate	22.00	149	570648	48.98	ng	#	96
84) Di-n-octyl phthalate	23.35	149	969464	50.36	ng	#	92
85) Indeno(1,2,3-cd)pyrene	29.95	276	915169	50.09	ng	#	88
87) Benzo(b)fluoranthene	24.63	252	812050	48.21	ng	#	97
88) Benzo(k)fluoranthene	24.71	252	769276	46.20	ng	#	92
89) Benzo(a)pyrene	25.62	252	760719	48.13	ng	#	92
90) Dibenzo(a,h)anthracene	30.01	278	778556	48.62	ng	#	94
91) Benzo(g,h,i)perylene	31.26	276	735477	47.79	ng	#	89

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

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