Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070117\
Data File : BG027778.D
Acq On : 1 Jul 2017 11:13
Operator : SJ/JU
Sample : I3956-05MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-2093-COMPMSD

Manual Integrations APPROVED
mohammad
7/5/2017 11:31:37 AM

Quant Time: Jul 03 15:05:46 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	31552	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	153703	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	105390	20.00	ng		0.00
63) Phenanthrene-d10	17.81	188	259728	20.00	ng		0.00
75) Chrysene-d12	22.18	240	274658	20.00	ng		0.00
86) Perylene-d12	25.79	264	258153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	284450	138.83	ng		0.00
7) Phenol-d6	7.62	99	383165	122.41	ng		0.00
23) Nitrobenzene-d5	9.65	82	257701	93.46	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	259201	179.31	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	696442	94.38	ng		0.00
78) Terphenyl-d14	20.39	244	1198540	102.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.05	88	22086	28.952	ng		94
3) Pyridine	4.45	79	21657	9.220	ng		92
4) n-Nitrosodimethylamine	4.35	42	42524	36.916	ng	#	78
6) Aniline	7.81	93	39932	11.006	ng		98
8) 2-Chlorophenol	8.04	128	108869	47.549	ng		90
9) Benzaldehyde	7.62	77	47436	25.468	ng		86
10) Phenol	7.65	94	127463	41.159	ng		83
11) bis(2-Chloroethyl)ether	7.88	93	94500	40.173	ng		96
12) 1,3-Dichlorobenzene	8.37	146	101627	41.729	ng	#	94
13) 1,4-Dichlorobenzene	8.51	146	106811	42.327	ng		98
14) 1,2-Dichlorobenzene	8.84	146	104999	42.913	ng		92
15) Benzyl Alcohol	8.71	79	95365	44.041	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.98	45	207483	41.353	ng		96
17) 2-Methylphenol	8.90	107	97867	44.668	ng	#	85
18) Hexachloroethane	9.56	117	37207	41.916	ng	#	79
19) n-Nitroso-di-n-propylamine	9.26	70	90047	39.542	ng	#	96
20) 3+4-Methylphenols	9.22	107	135001	42.728	ng		87
22) Acetophenone	9.29	105	163340	44.039	ng	#	89
24) Nitrobenzene	9.69	77	126103	43.742	ng	#	85
25) Isophorone	10.20	82	268390	44.653	ng	#	95
26) 2-Nitrophenol	10.40	139	62896	48.301	ng	#	80
27) 2,4-Dimethylphenol	10.43	122	117872	48.329	ng		95
28) bis(2-Chloroethoxy)methane	10.67	93	142293	41.757	ng		95
29) 2,4-Dichlorophenol	10.93	162	111406	52.122	ng		99
30) 1,2,4-Trichlorobenzene	11.15	180	105028	48.180	ng		95
31) Naphthalene	11.34	128	366190	44.800	ng		99
32) Benzoic acid	10.56	122	62007	42.778	ng	#	82
33) 4-Chloroaniline	11.46	127	11163	3.161	ng	#	81
34) Hexachlorobutadiene	11.61	225	60571	49.868	ng		97
35) Caprolactam	12.23	113	38070m	35.412	ng		
36) 4-Chloro-3-methylphenol	12.53	107	155024	51.544	ng		90
37) 2-Methylnaphthalene	12.91	142	290266	47.677	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.28	216	131695	47.553	ng		97
40) Hexachlorocyclopentadiene	13.25	237	158285	121.222	ng		96

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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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	101408	50.699	ng		96
43) 2,4,5-Trichlorophenol	13.58	196	113959	50.282	ng	#	95
45) 1,1'-Biphenyl	13.90	154	382895	45.328	ng		100
46) 2-Chloronaphthalene	13.95	162	287763	45.095	ng		98
47) 2-Nitroaniline	14.15	65	119859	46.925	ng	#	81
48) Acenaphthylene	14.79	152	513073	44.001	ng		97
49) Dimethylphthalate	14.51	163	426020	47.386	ng		98
50) 2,6-Dinitrotoluene	14.63	165	94765	48.489	ng	#	78
51) Acenaphthene	15.13	154	320306	42.859	ng		95
52) 3-Nitroaniline	14.97	138	49595	21.570	ng	#	76
53) 2,4-Dinitrophenol	15.17	184	115766	104.938	ng		93
54) Dibenzofuran	15.46	168	492430	49.831	ng		98
55) 4-Nitrophenol	15.26	139	153576	87.502	ng	#	58
56) 2,4-Dinitrotoluene	15.42	165	138539	50.822	ng	#	88
57) Fluorene	16.11	166	436217	45.527	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.69	232	109950m	56.277	ng		
59) Diethylphthalate	15.86	149	478551	48.071	ng		96
60) 4-Chlorophenyl-phenylether	16.09	204	206512	48.688	ng		96
61) 4-Nitroaniline	16.13	138	100808	42.085	ng	#	68
62) Azobenzene	16.39	77	430461	49.208	ng		93
64) 4,6-Dinitro-2-methylphenol	16.18	198	78464	48.367	ng		80
65) n-Nitrosodiphenylamine	16.31	169	392290	46.431	ng		97
66) 4-Bromophenyl-phenylether	16.98	248	138596	51.020	ng	#	91
67) Hexachlorobenzene	17.12	284	146772	51.018	ng		95
68) Atrazine	17.24	200	133596	50.084	ng		95
69) Pentachlorophenol	17.46	266	179728	96.474	ng		98
70) Phenanthrene	17.86	178	703783	46.937	ng		95
71) Anthracene	17.95	178	705745	46.611	ng		98
72) Carbazole	18.22	167	617336	41.400	ng		96
73) Di-n-butylphthalate	18.74	149	797800	48.686	ng	#	94
74) Fluoranthene	19.85	202	772017	47.111	ng		94
76) Benzidine	20.05	184	4946m	3.923	ng		
77) Pyrene	20.22	202	803660	46.625	ng		96
79) Butylbenzylphthalate	21.09	149	369508	47.598	ng	#	88
80) Benzo(a)anthracene	22.16	228	768942	46.307	ng		94
81) 3,3'-Dichlorobenzidine	22.06	252	163347	27.103	ng	#	97
82) Chrysene	22.23	228	720512	46.291	ng		94
83) Bis(2-ethylhexyl)phthalate	22.01	149	527755	46.520	ng	#	95
84) Di-n-octyl phthalate	23.35	149	899151	47.974	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.95	276	887287	49.878	ng	#	98
87) Benzo(b)fluoranthene	24.64	252	780747	46.943	ng	#	95
88) Benzo(k)fluoranthene	24.71	252	757592	46.082	ng	#	94
89) Benzo(a)pyrene	25.62	252	737014	47.226	ng	#	95
90) Dibenzo(a,h)anthracene	30.03	278	744367	47.082	ng	#	94
91) Benzo(g,h,i)perylene	31.27	276	719204	47.334	ng	#	90

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

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