Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
Data File : BG027430.D
Acq On : 14 Jun 2017 23:24
Operator : SJ/MA
Sample : I3665-09MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HA3-WC2MS

Manual Integrations APPROVED

Quant Time: Jun 15 14:43:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 19:09:08 2017
Response via : Initial Calibration

mohammad

6/15/2017 3:57:26 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	35808	20.00	ng		0.00
21) Naphthalene-d8	11.34	136	182354	20.00	ng		0.00
38) Acenaphthene-d10	15.11	164	133246	20.00	ng		0.00
63) Phenanthrene-d10	17.86	188	336510	20.00	ng		0.00
75) Chrysene-d12	22.24	240	393509	20.00	ng		0.00
86) Perylene-d12	25.89	264	375268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	423396	167.10	ng		0.00
7) Phenol-d6	7.67	99	630722	161.98	ng		0.00
23) Nitrobenzene-d5	9.69	82	364726	101.97	ng		0.00
41) 2,4,6-Tribromophenol	16.60	330	335678	167.85	ng		0.00
44) 2-Fluorobiphenyl	13.74	172	863479	93.62	ng		0.00
78) Terphenyl-d14	20.44	244	1543558	100.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.11	88	47438	45.19	ng	#	87
3) Pyridine	4.49	79	141843	44.22	ng	#	80
4) n-Nitrosodimethylamine	4.40	42	66094	47.77	ng	#	66
6) Aniline	7.85	93	226857	48.95	ng		95
8) 2-Chlorophenol	8.09	128	144823	54.77	ng		97
9) Benzaldehyde	7.67	77	55680	21.22	ng		94
10) Phenol	7.69	94	244211	60.84	ng		80
11) bis(2-Chloroethyl)ether	7.93	93	149650	47.02	ng		91
12) 1,3-Dichlorobenzene	8.42	146	133690	48.05	ng		94
13) 1,4-Dichlorobenzene	8.56	146	137739	47.63	ng		96
14) 1,2-Dichlorobenzene	8.88	146	132814	46.78	ng		98
15) Benzyl Alcohol	8.75	79	152138	53.96	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	9.04	45	256138	46.63	ng		95
17) 2-Methylphenol	8.94	107	145611	53.69	ng	#	89
18) Hexachloroethane	9.62	117	49972	47.01	ng	#	82
19) n-Nitroso-di-n-propylamine	9.32	70	141125	47.92	ng	#	86
20) 3+4-Methylphenols	9.26	107	208907	53.53	ng		89
22) Acetophenone	9.34	105	239591	48.97	ng	#	86
24) Nitrobenzene	9.73	77	194386	49.14	ng	#	89
25) Isophorone	10.25	82	402040	51.37	ng	#	96
26) 2-Nitrophenol	10.45	139	78501	50.85	ng	#	83
27) 2,4-Dimethylphenol	10.48	122	183993	58.12	ng		94
28) bis(2-Chloroethoxy)methane	10.72	93	232673	48.76	ng		100
29) 2,4-Dichlorophenol	10.98	162	156983	57.43	ng		97
30) 1,2,4-Trichlorobenzene	11.20	180	136740	48.18	ng		98
31) Naphthalene	11.40	128	474280	47.63	ng		98
33) 4-Chloroaniline	11.49	127	114962	27.39	ng	#	91
34) Hexachlorobutadiene	11.67	225	80844	46.39	ng		96
35) Caprolactam	12.27	113	72975m	60.31	ng		
36) 4-Chloro-3-methylphenol	12.57	107	228621	58.51	ng		94
37) 2-Methylnaphthalene	12.96	142	363211	50.08	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.32	216	179033	45.64	ng		99
40) Hexachlorocyclopentadiene	13.30	237	214646	98.27	ng		96
42) 2,4,6-Trichlorophenol	13.55	196	141809	53.07	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
43) 2,4,5-Trichlorophenol	13.62	196	160994	53.02	ng		95	
45) 1,1'-Biphenyl	13.95	154	503915	47.53	ng		97	
46) 2-Chloronaphthalene	13.99	162	385882	48.12	ng		98	
47) 2-Nitroaniline	14.19	65	177902	56.12	ng		90	
48) Acenaphthylene	14.83	152	660511	47.14	ng		98	
49) Dimethylphthalate	14.55	163	686720	62.06	ng		98	mohammad
50) 2,6-Dinitrotoluene	14.67	165	125978	55.23	ng		87	
51) Acenaphthene	15.18	154	439003	47.00	ng		98	
52) 3-Nitroaniline	15.00	138	102906	40.85	ng		96	
53) 2,4-Dinitrophenol	15.20	184	55423	42.21	ng		85	
54) Dibenzofuran	15.50	168	665008	52.24	ng		93	6/15/2017 3:57:26 PM
55) 4-Nitrophenol	15.29	139	228446	114.55	ng	#	60	
56) 2,4-Dinitrotoluene	15.46	165	179971	55.40	ng	#	92	
57) Fluorene	16.16	166	555068	48.49	ng		97	
58) 2,3,4,6-Tetrachlorophenol	15.72	232	157293	59.28	ng		97	
59) Diethylphthalate	15.90	149	610156	53.66	ng		97	
60) 4-Chlorophenyl-phenylether	16.13	204	286268	49.60	ng		97	
61) 4-Nitroaniline	16.17	138	144777	56.14	ng	#	69	
62) Azobenzene	16.43	77	645936	55.17	ng		90	
64) 4,6-Dinitro-2-methylphenol	16.22	198	85790	43.97	ng		89	
65) n-Nitrosodiphenylamine	16.35	169	516667	49.18	ng		99	
66) 4-Bromophenyl-phenylether	17.03	248	196847	49.18	ng		95	
67) Hexachlorobenzene	17.16	284	208573	47.11	ng		91	
68) Atrazine	17.28	200	185901	51.02	ng		96	
69) Pentachlorophenol	17.50	266	241166	94.75	ng		97	
70) Phenanthrene	17.90	178	916673	48.80	ng		96	
71) Anthracene	18.00	178	926589	48.78	ng		99	
72) Carbazole	18.26	167	824298	45.31	ng		97	
73) Di-n-butylphthalate	18.78	149	1013698	51.12	ng	#	94	
74) Fluoranthene	19.89	202	1043513	48.26	ng		93	
76) Benzidine	20.06	184	662121	76.74	ng		98	
77) Pyrene	20.26	202	1068644	49.25	ng		97	
79) Butylbenzylphthalate	21.13	149	482980	53.46	ng		96	
80) Benzo(a)anthracene	22.21	228	1112639	49.19	ng		95	
81) 3,3'-Dichlorobenzidine	22.11	252	316300	36.83	ng	#	98	
82) Chrysene	22.29	228	1045645	48.36	ng		96	
83) Bis(2-ethylhexyl)phthalate	22.07	149	690684	52.80	ng		99	
84) Di-n-octyl phthalate	23.44	149	1189019	54.23	ng	#	91	
85) Indeno(1,2,3-cd)pyrene	30.10	276	1339760	50.08	ng	#	89	
87) Benzo(b)fluoranthene	24.72	252	1124967	47.31	ng	#	97	
88) Benzo(k)fluoranthene	24.81	252	1127032	48.18	ng	#	93	
89) Benzo(a)pyrene	25.72	252	1097189	49.22	ng	#	94	
90) Dibenzo(a,h)anthracene	30.19	278	1145877	47.80	ng	#	94	
91) Benzo(g,h,i)perylene	31.43	276	1092958	47.79	ng	#	91	

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

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