Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061317\
Data File : BG027402.D
Acq On : 14 Jun 2017 1:38
Operator : SJ/MA
Sample : I3629-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLINTON-AVE-SP-COMP-1MSD

Manual Integrations APPROVED

Quant Time: Jun 14 07:36:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.54	152	49748	20.00	ng		-0.04	
21) Naphthalene-d8	11.36	136	223985	20.00	ng		-0.04	
38) Acenaphthene-d10	15.12	164	136461	20.00	ng		-0.04	
63) Phenanthrene-d10	17.87	188	336924	20.00	ng		-0.04	
75) Chrysene-d12	22.26	240	415621	20.00	ng		-0.05	
86) Perylene-d12	25.92	264	389156	20.00	ng		-0.10	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	6.13	112	501885	153.95	ng		-0.02	
7) Phenol-d6	7.68	99	658716	137.65	ng		-0.02	
23) Nitrobenzene-d5	9.71	82	429006	120.45	ng		-0.04	6/14/2017 4:24:10 PM
41) 2,4,6-Tribromophenol	16.61	330	315498	175.57	ng		-0.04	
44) 2-Fluorobiphenyl	13.75	172	870951	89.29	ng		-0.04	
78) Terphenyl-d14	20.45	244	1644767	100.95	ng		-0.05	
Target Compounds							Qvalue	
2) 1,4-Dioxane	4.15	88	60400	44.68	ng		94	
3) Pyridine	4.54	79	163519	39.24	ng	#	79	
4) n-Nitrosodimethylamine	4.44	42	80262	52.02	ng	#	51	
6) Aniline	7.88	93	172137	28.56	ng		94	
8) 2-Chlorophenol	8.11	128	170908	49.65	ng		95	
9) Benzaldehyde	7.69	77	72538	21.92	ng		91	
10) Phenol	7.71	94	233620	47.74	ng		79	
11) bis(2-Chloroethyl)ether	7.95	93	195083	48.59	ng		90	
12) 1,3-Dichlorobenzene	8.44	146	167494	43.14	ng		93	
13) 1,4-Dichlorobenzene	8.58	146	172466	43.28	ng		96	
14) 1,2-Dichlorobenzene	8.90	146	164224	42.25	ng		96	
15) Benzyl Alcohol	8.77	79	178821	53.03	ng	#	89	
16) 2,2'-oxybis(1-Chloropropan	9.05	45	305973	53.26	ng		94	
17) 2-Methylphenol	8.96	107	163446	47.25	ng	#	88	
18) Hexachloroethane	9.64	117	63515	47.32	ng		83	
19) n-Nitroso-di-n-propylamine	9.33	70	157244	46.97	ng		88	
20) 3+4-Methylphenols	9.28	107	222729	46.48	ng		90	
22) Acetophenone	9.36	105	273903	47.82	ng	#	87	
24) Nitrobenzene	9.75	77	220343	54.30	ng		91	
25) Isophorone	10.26	82	426101	50.88	ng	#	96	
26) 2-Nitrophenol	10.46	139	87740	51.78	ng	#	85	
27) 2,4-Dimethylphenol	10.49	122	182110	50.57	ng		93	
28) bis(2-Chloroethoxy)methane	10.73	93	254408	46.92	ng		100	
29) 2,4-Dichlorophenol	10.99	162	163482	49.73	ng		97	
30) 1,2,4-Trichlorobenzene	11.21	180	160380	44.06	ng		96	
31) Naphthalene	11.41	128	549441	44.88	ng		98	
32) Benzoic acid	10.56	122	25566	16.57	ng		86	
34) Hexachlorobutadiene	11.68	225	100260	44.82	ng		99	
35) Caprolactam	12.28	113	56288m	49.93	ng			
36) 4-Chloro-3-methylphenol	12.59	107	214322	52.02	ng		96	
37) 2-Methylnaphthalene	12.97	142	382411	42.83	ng		94	
39) 1,2,4,5-Tetrachlorobenzene	13.33	216	186365	43.84	ng		97	
40) Hexachlorocyclopentadiene	13.31	237	222282	98.24	ng		95	
42) 2,4,6-Trichlorophenol	13.56	196	134061	51.99	ng		97	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
43) 2,4,5-Trichlorophenol	13.63	196	149919	51.96	ng		97	
45) 1,1'-Biphenyl	13.95	154	504171	45.26	ng		94	
46) 2-Chloronaphthalene	14.01	162	382950	45.86	ng		97	
47) 2-Nitroaniline	14.20	65	157485	63.71	ng		91	
48) Acenaphthylene	14.85	152	621713	43.99	ng		97	
49) Dimethylphthalate	14.56	163	522107	48.23	ng		97	mohammad
50) 2,6-Dinitrotoluene	14.68	165	111309	50.31	ng	#	84	
51) Acenaphthene	15.19	154	405935	44.16	ng		97	
52) 3-Nitroaniline	15.02	138	48368	24.19	ng		91	
53) 2,4-Dinitrophenol	15.21	184	44068	50.52	ng	#	70	
54) Dibenzofuran	15.52	168	616861	48.02	ng		94	6/14/2017 4:24:10 PM
55) 4-Nitrophenol	15.31	139	182301	88.45	ng	#	62	
56) 2,4-Dinitrotoluene	15.46	165	159642	55.47	ng	#	93	
57) Fluorene	16.16	166	512173	44.89	ng		98	
58) 2,3,4,6-Tetrachlorophenol	15.73	232	141785	55.05	ng		97	
59) Diethylphthalate	15.91	149	547540	50.71	ng		98	
60) 4-Chlorophenyl-phenylether	16.15	204	260475	45.32	ng		96	
61) 4-Nitroaniline	16.18	138	135669	56.88	ng	#	70	
62) Azobenzene	16.44	77	586451	58.60	ng		90	
64) 4,6-Dinitro-2-methylphenol	16.23	198	48926	36.28	ng		88	
65) n-Nitrosodiphenylamine	16.36	169	471770	44.66	ng		98	
66) 4-Bromophenyl-phenylether	17.04	248	173455	43.50	ng		95	
67) Hexachlorobenzene	17.17	284	189696	44.23	ng		92	
68) Atrazine	17.30	200	184897	52.35	ng		96	
69) Pentachlorophenol	17.51	266	180310	71.72	ng		98	
70) Phenanthrene	17.91	178	868350	45.81	ng		96	
71) Anthracene	18.00	178	883620	46.53	ng		98	
72) Carbazole	18.27	167	827879	46.22	ng		96	
73) Di-n-butylphthalate	18.80	149	1013445	58.35	ng	#	94	
74) Fluoranthene	19.91	202	1052892	51.99	ng		93	
76) Benzidine	20.08	184	608560	48.61	ng		97	
77) Pyrene	20.27	202	1087237	43.30	ng		97	
79) Butylbenzylphthalate	21.15	149	478729	53.95	ng		96	
80) Benzo(a)anthracene	22.23	228	1107847	46.74	ng		95	
81) 3,3'-Dichlorobenzidine	22.13	252	200286	21.72	ng		98	
82) Chrysene	22.31	228	1031452	45.33	ng		95	
83) Bis(2-ethylhexyl)phthalate	22.09	149	672591	50.16	ng		99	
84) Di-n-octyl phthalate	23.45	149	1161572	52.30	ng	#	91	
85) Indeno(1,2,3-cd)pyrene	30.15	276	1315042	47.72	ng	#	89	
87) Benzo(b)fluoranthene	24.75	252	1147353	47.54	ng	#	96	
88) Benzo(k)fluoranthene	24.83	252	1093799	46.20	ng	#	94	
89) Benzo(a)pyrene	25.75	252	1085090	47.76	ng	#	95	
90) Dibenzo(a,h)anthracene	30.23	278	1125016	47.30	ng	#	94	
91) Benzo(g,h,i)perylene	31.48	276	1062422	46.13	ng	#	90	

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

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