Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035511.D
Acq On : 29 Jun 2018 12:59
Operator : JU/SJ
Sample : J3593-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S39-9005MS

Manual Integrations APPROVED
Sohil
7/2/2018 12:35:14 PM

Quant Time: Jun 29 17:41:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	29764	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	123877	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	96386	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	253776	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	244572	20.00	ng		-0.02
86) Perylene-d12	24.92	264	241830	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	132670	75.22	ng		0.00
7) Phenol-d6	7.23	99	391060	150.23	ng		0.00
23) Nitrobenzene-d5	9.22	82	295305	113.32	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	87755	71.12	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	647124	87.28	ng		-0.02
78) Terphenyl-d14	20.03	244	1074034	91.99	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	27372	32.528	ng	#	74
3) Pyridine	3.95	79	81986	36.110	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	37912	38.868	ng	#	78
6) Aniline	7.39	93	116228	34.542	ng		97
8) 2-Chlorophenol	7.63	128	68870	37.253	ng		91
9) Benzaldehyde	7.20	77	51122	25.496	ng		94
10) Phenol	7.26	94	144901	53.789	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	98078	46.907	ng		87
12) 1,3-Dichlorobenzene	7.96	146	101810	46.156	ng		96
13) 1,4-Dichlorobenzene	8.10	146	103434	45.425	ng		96
14) 1,2-Dichlorobenzene	8.42	146	104058	48.652	ng		98
15) Benzyl Alcohol	8.30	79	120658	48.918	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	105284	50.591	ng		76
17) 2-Methylphenol	8.50	107	105442	59.368	ng	#	93
18) Hexachloroethane	9.15	117	38355	47.050	ng		87
19) n-Nitroso-di-n-propylamine	8.87	70	96832	43.785	ng	#	85
20) 3+4-Methylphenols	8.83	107	143912	56.530	ng		96
22) Acetophenone	8.88	105	178079	46.407	ng	#	88
24) Nitrobenzene	9.27	77	142530	53.410	ng	#	96
25) Isophorone	9.79	82	286260	52.027	ng		100
26) 2-Nitrophenol	9.98	139	29661	32.245	ng	#	85
27) 2,4-Dimethylphenol	10.04	122	111216	57.521	ng		91
28) bis(2-Chloroethoxy)methane	10.27	93	147130	49.760	ng		97
29) 2,4-Dichlorophenol	10.52	162	81186	38.590	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	130695	51.808	ng		97
31) Naphthalene	10.92	128	330729	51.393	ng		98
33) 4-Chloroaniline	11.02	127	100933	36.122	ng		98
34) Hexachlorobutadiene	11.20	225	98859	50.389	ng		99
35) Caprolactam	11.79	113	43925	56.494	ng	#	58
36) 4-Chloro-3-methylphenol	12.14	107	155270	59.207	ng		92
37) 2-Methylnaphthalene	12.51	142	265252	54.366	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	186562	51.965	ng		97
40) Hexachlorocyclopentadiene	12.86	237	208058	92.414	ng		95
42) 2,4,6-Trichlorophenol	13.12	196	25316	11.776	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.20	196	57170	24.230	ng		96
45) 1,1'-Biphenyl	13.52	154	363544	46.906	ng		97
46) 2-Chloronaphthalene	13.57	162	294038	50.179	ng		99
47) 2-Nitroaniline	13.77	65	102168	59.045	ng		98
48) Acenaphthylene	14.41	152	483664	49.225	ng		98
49) Dimethylphthalate	14.14	163	486168	57.842	ng		99
50) 2,6-Dinitrotoluene	14.25	165	94169	61.413	ng	#	89
51) Acenaphthene	14.75	154	290983	45.326	ng		98
52) 3-Nitroaniline	14.59	138	76678	50.961	ng	#	96
54) Dibenzofuran	15.08	168	485799	50.526	ng		94
55) 4-Nitrophenol	14.90	139	4618m	3.637	ng		
56) 2,4-Dinitrotoluene	15.04	165	135522	66.532	ng	#	84
57) Fluorene	15.73	166	405441	50.456	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	18806	8.204	ng	#	72
59) Diethylphthalate	15.49	149	411024	47.931	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	232501	50.742	ng		96
61) 4-Nitroaniline	15.75	138	95751	59.338	ng	#	79
62) Azobenzene	16.01	77	402086	47.848	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	4235	3.655	ng		83
65) n-Nitrosodiphenylamine	15.93	169	364999	47.893	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	161906	52.978	ng		99
67) Hexachlorobenzene	16.73	284	161243	51.837	ng		94
68) Atrazine	16.88	200	163554	50.324	ng		99
69) Pentachlorophenol	17.07	266	16939	8.098	ng		93
70) Phenanthrene	17.47	178	639870	49.636	ng		98
71) Anthracene	17.56	178	648919	50.253	ng		98
72) Carbazole	17.83	167	594974	49.659	ng		99
73) Di-n-butylphthalate	18.38	149	648759	45.430	ng	#	98
74) Fluoranthene	19.48	202	796479	47.480	ng		97
76) Benzidine	19.65	184	298838	32.843	ng		99
77) Pyrene	19.83	202	787567	48.847	ng		98
79) Butylbenzylphthalate	20.71	149	280422	47.897	ng		97
80) Benzo(a)anthracene	21.68	228	780484	49.939	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	232922	39.613	ng		98
82) Chrysene	21.74	228	730834	51.073	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	384908	46.528	ng		98
84) Di-n-octyl phthalate	22.79	149	657031	46.294	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	854390	50.981	ng	#	89
87) Benzo(b)fluoranthene	23.90	252	740529	49.725	ng	#	97
88) Benzo(k)fluoranthene	23.97	252	694513	47.674	ng	#	97
89) Benzo(a)pyrene	24.77	252	713682	50.929	ng	#	98
90) Dibenzo(a,h)anthracene	28.67	278	693267	50.115	ng	#	94
91) Benzo(g,h,i)perylene	29.76	276	723566	53.446	ng	#	93

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

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