Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039179.D
Acq On : 17 Jan 2019 5:29
Operator : JU/SJ
Sample : K1010-04MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-011519-AMSD

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:23 PM

Quant Time: Jan 17 08:15:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	22008	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	98448	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	72824	20.00	ng	-0.01
64) Phenanthrene-d10	17.41	188	206184	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	192795	20.00	ng	-0.02
87) Perylene-d12	24.95	264	252415	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	162406	139.99	ng	-0.01
7) Phenol-d6	7.18	99	225515	135.07	ng	-0.01
23) Nitrobenzene-d5	9.20	82	162362	90.24	ng	-0.02
42) 2,4,6-Tribromophenol	16.15	330	204418	167.46	ng	-0.02
45) 2-Fluorobiphenyl	13.28	172	463488	87.10	ng	-0.01
79) Terphenyl-d14	20.01	244	886347	85.05	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	14705	32.367	ng	# 1
3) Pyridine	3.87	79	40673	32.947	ng	94
4) n-Nitrosodimethylamine	3.78	42	25793	46.431	ng	# 92
6) Aniline	7.35	93	25137	12.536	ng	98
8) 2-Chlorophenol	7.58	128	70539	51.579	ng	99
9) Benzaldehyde	7.16	77	20238	21.019	ng	92
10) Phenol	7.21	94	76817	45.890	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	57739	45.131	ng	98
12) 1,3-Dichlorobenzene	7.90	146	67746	41.345	ng	99
13) 1,4-Dichlorobenzene	8.05	146	68435	41.239	ng	98
14) 1,2-Dichlorobenzene	8.37	146	68180	43.091	ng	97
15) Benzyl Alcohol	8.26	79	65098	51.774	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	112873	46.010	ng	98
17) 2-Methylphenol	8.46	107	60626	52.159	ng	97
18) Hexachloroethane	9.09	117	24202	42.929	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	51901	47.338	ng	94
20) 3+4-Methylphenols	8.80	107	81727	49.317	ng	96
22) Acetophenone	8.85	105	105293	40.954	ng	# 98
24) Nitrobenzene	9.24	77	80684	44.368	ng	99
25) Isophorone	9.75	82	211235	68.160	ng	97
26) 2-Nitrophenol	9.95	139	46182	46.951	ng	93
27) 2,4-Dimethylphenol	10.00	122	78120	56.452	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	87273	46.856	ng	99
29) 2,4-Dichlorophenol	10.48	162	88583	51.526	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	86626	41.936	ng	93
31) Naphthalene	10.88	128	234985	47.591	ng	98
32) Benzoic acid	10.16	122	24717	32.773	ng	90
33) 4-Chloroaniline	11.02	127	4940	2.236	ng	95
34) Hexachlorobutadiene	11.14	225	57538	40.482	ng	98
35) Caprolactam	11.79	113	21001m	30.463	ng	
36) 4-Chloro-3-methylphenol	12.12	107	102225	55.594	ng	91
37) 2-Methylnaphthalene	12.49	142	186236	50.308	ng	99
38) 1-Methylnaphthalene	12.70	142	173192	48.742	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	117282	42.882	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	114353	74.652	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	81896	47.577	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	89493	49.191	ng		98
46) 1,1'-Biphenyl	13.49	154	252243	43.713	ng		100
47) 2-Chloronaphthalene	13.54	162	202601	43.387	ng		97
48) 2-Nitroaniline	13.75	65	60661	46.370	ng		92
49) Acenaphthylene	14.38	152	333579	47.527	ng		100
50) Dimethylphthalate	14.11	163	281622	45.763	ng		100
51) 2,6-Dinitrotoluene	14.25	165	62128	45.156	ng		99
52) Acenaphthene	14.72	154	191618	45.440	ng		95
53) 3-Nitroaniline	14.58	138	6648	4.763	ng		95
54) 2,4-Dinitrophenol	14.79	184	36949	47.280	ng		98
55) Dibenzofuran	15.06	168	378960	50.883	ng		98
56) 4-Nitrophenol	14.89	139	78009	77.678	ng		97
57) 2,4-Dinitrotoluene	15.04	165	110275	55.866	ng		97
58) Fluorene	15.71	166	278439	49.668	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91770	53.437	ng		99
60) Diethylphthalate	15.46	149	313586	49.458	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	159971	45.294	ng		98
62) 4-Nitroaniline	15.75	138	60197	41.401	ng		97
63) Azobenzene	15.99	77	222959	44.966	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	45366	29.699	ng		93
66) n-Nitrosodiphenylamine	15.91	169	252226	41.265	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	119048	44.917	ng		98
68) Hexachlorobenzene	16.70	284	126307	43.673	ng		98
69) Atrazine	16.86	200	115502	44.482	ng		97
70) Pentachlorophenol	17.06	266	120783	68.494	ng		95
71) Phenanthrene	17.45	178	520615	47.771	ng		99
72) Anthracene	17.54	178	516356	47.920	ng		99
73) Carbazole	17.82	167	441458	41.501	ng		99
74) Di-n-butylphthalate	18.35	149	487306	41.180	ng		99
75) Fluoranthene	19.46	202	641367	47.472	ng		100
77) Benzidine	19.65	184	55790	9.461	ng		99
78) Pyrene	19.82	202	570504	46.433	ng		99
80) Butylbenzylphthalate	20.69	149	215884	46.198	ng		98
81) Benzo(a)anthracene	21.66	228	572412	48.773	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	56565	11.829	ng		96
83) Chrysene	21.73	228	527685	47.274	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	295768	45.583	ng		97
85) Di-n-octyl phthalate	22.74	149	503700	45.909	ng		99
86) Indeno(1,2,3-cd)pyrene	28.70	276	674365	50.560	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	584980	42.030	ng		99
89) Benzo(k)fluoranthene	23.97	252	566870	41.193	ng		97
90) Benzo(a)pyrene	24.79	252	681984	50.694	ng	#	98
91) Dibenzo(a,h)anthracene	28.75	278	557459	41.660	ng		99
92) Benzo(g,h,i)perylene	29.89	276	547025	41.293	ng		98

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

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