Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
Data File : BG039429.D
Acq On : 8 Feb 2019 23:49
Operator : JU/SJ
Sample : K1348-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Manual Integrations APPROVED
Sohil
2/11/2019 10:13:56 AM

Quant Time: Feb 09 00:42:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53287	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	220815	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	148015	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	358563	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	369192	20.00	ng	-0.02
87) Perylene-d12	25.21	264	383998	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	447489	143.73	ng	0.00
7) Phenol-d6	7.32	99	602649	131.50	ng	0.00
23) Nitrobenzene-d5	9.35	82	407196	115.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	256343	160.83	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	949035	91.98	ng	-0.01
79) Terphenyl-d14	20.13	244	1551850	88.97	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	53082	38.976	ng	# 39
3) Pyridine	4.02	79	112924	31.317	ng	96
4) n-Nitrosodimethylamine	3.93	42	78304	43.423	ng	83
6) Aniline	7.50	93	76147	13.265	ng	98
8) 2-Chlorophenol	7.73	128	172835	50.785	ng	97
9) Benzaldehyde	7.32	77	94213	41.644	ng	99
10) Phenol	7.34	94	207173	43.366	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	174800	46.305	ng	95
12) 1,3-Dichlorobenzene	8.06	146	179585	43.559	ng	99
13) 1,4-Dichlorobenzene	8.21	146	183213	44.585	ng	99
14) 1,2-Dichlorobenzene	8.53	146	176359	44.332	ng	96
15) Benzyl Alcohol	8.41	79	170853	47.486	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	329624	38.666	ng	99
17) 2-Methylphenol	8.60	107	150750	48.762	ng	96
18) Hexachloroethane	9.26	117	64037	45.295	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	141833	43.604	ng	92
20) 3+4-Methylphenols	8.93	107	206145	48.422	ng	98
22) Acetophenone	9.01	105	268862	45.328	ng	# 95
24) Nitrobenzene	9.39	77	205710	53.871	ng	95
25) Isophorone	9.91	82	397721	50.777	ng	98
26) 2-Nitrophenol	10.11	139	98743	60.753	ng	98
27) 2,4-Dimethylphenol	10.15	122	178173	56.232	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	240336	49.815	ng	98
29) 2,4-Dichlorophenol	10.63	162	193745	55.947	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	194487	50.023	ng	99
31) Naphthalene	11.05	128	556786	50.827	ng	99
32) Benzoic acid	10.20	122	8292m	12.266	ng	
33) 4-Chloroaniline	11.16	127	12378	2.437	ng	96
34) Hexachlorobutadiene	11.31	225	126177	48.800	ng	95
35) Caprolactam	11.93	113	50674	35.362	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	203096	50.711	ng	95
37) 2-Methylnaphthalene	12.64	142	420043	51.771	ng	99
38) 1-Methylnaphthalene	12.86	142	402847	51.508	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	231072	49.066	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	271517	105.804	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	157315	54.329	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	168373	55.480	ng		98
46) 1,1'-Biphenyl	13.64	154	563218	45.733	ng		99
47) 2-Chloronaphthalene	13.68	162	434412	46.890	ng		98
48) 2-Nitroaniline	13.89	65	144019	53.058	ng		91
49) Acenaphthylene	14.52	152	696350	49.813	ng		99
50) Dimethylphthalate	14.25	163	575252	48.121	ng		99
51) 2,6-Dinitrotoluene	14.38	165	126215	55.332	ng		97
52) Acenaphthene	14.86	154	437178	48.178	ng		99
53) 3-Nitroaniline	14.71	138	29007	16.373	ng	#	86
54) 2,4-Dinitrophenol	14.90	184	18665	28.238	ng		92
55) Dibenzofuran	15.19	168	693341	47.655	ng		98
56) 4-Nitrophenol	14.99	139	160351	74.608	ng		91
57) 2,4-Dinitrotoluene	15.16	165	180826	60.709	ng	#	86
58) Fluorene	15.84	166	548916	50.611	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155518	54.730	ng		96
60) Diethylphthalate	15.60	149	571779	46.261	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	293951	47.865	ng		97
62) 4-Nitroaniline	15.87	138	128782	51.078	ng		91
63) Azobenzene	16.12	77	523743	43.354	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	27735	25.242	ng		98
66) n-Nitrosodiphenylamine	16.04	169	502215	46.063	ng		99
67) 4-Bromophenyl-phenylether	16.73	248	191580	48.162	ng		94
68) Hexachlorobenzene	16.83	284	197153	49.400	ng		97
69) Atrazine	16.98	200	199338	50.031	ng		99
70) Pentachlorophenol	17.18	266	120875	43.577	ng		98
71) Phenanthrene	17.58	178	918833	49.511	ng		99
72) Anthracene	17.68	178	924241	50.561	ng		98
73) Carbazole	17.95	167	824165	45.177	ng		99
74) Di-n-butylphthalate	18.48	149	980887	46.088	ng		99
75) Fluoranthene	19.59	202	1101579	51.141	ng		99
77) Benzidine	19.76	184	84514	6.982	ng		100
78) Pyrene	19.95	202	1119666	48.717	ng		99
80) Butylbenzylphthalate	20.81	149	468839	48.358	ng		95
81) Benzo(a)anthracene	21.81	228	1111121	50.933	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	96195	11.892	ng		94
83) Chrysene	21.88	228	1036885	49.930	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	650409	47.024	ng		99
85) Di-n-octyl phthalate	22.95	149	1109059	48.534	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1169576	52.492	ng	#	96
88) Benzo(b)fluoranthene	24.13	252	1097054	52.386	ng		97
89) Benzo(k)fluoranthene	24.21	252	1057102	50.279	ng		98
90) Benzo(a)pyrene	25.06	252	1058930	52.505	ng		98
91) Dibenzo(a,h)anthracene	29.18	278	952554	50.433	ng		98
92) Benzo(g,h,i)perylene	30.34	276	931093	49.458	ng		98

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

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