Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039967.D
Acq On : 16 Mar 2019 8:29
Operator : JU/SJ
Sample : K1897-04MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:52 PM

Quant Time: Mar 18 01:23:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	44094	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	189062	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	127135	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	300935	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	296151	20.00	ng	-0.02
87) Perylene-d12	25.17	264	305582	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	334084	129.26	ng	-0.02
7) Phenol-d6	7.30	99	428323	111.14	ng	-0.02
23) Nitrobenzene-d5	9.32	82	337461	96.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	218788	147.64	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	782917	87.68	ng	-0.02
79) Terphenyl-d14	20.11	244	1221875	90.84	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	34120	28.594	ng	# 7
3) Pyridine	4.00	79	73907	23.135	ng	98
4) n-Nitrosodimethylamine	3.91	42	54997	36.290	ng	# 92
6) Aniline	7.47	93	49227	9.750	ng	95
8) 2-Chlorophenol	7.71	128	120622	38.468	ng	98
9) Benzaldehyde	7.29	77	44803	18.022	ng	97
10) Phenol	7.33	94	132463	31.728	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	121946	37.463	ng	99
12) 1,3-Dichlorobenzene	8.03	146	124164	35.012	ng	99
13) 1,4-Dichlorobenzene	8.18	146	127353	35.256	ng	96
14) 1,2-Dichlorobenzene	8.50	146	123111	35.274	ng	98
15) Benzyl Alcohol	8.38	79	120592	39.447	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	250086	38.414	ng	100
17) 2-Methylphenol	8.58	107	104296	39.178	ng	98
18) Hexachloroethane	9.23	117	45199	34.872	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	103676	37.376	ng	96
20) 3+4-Methylphenols	8.91	107	141196	38.179	ng	94
22) Acetophenone	8.98	105	190896	37.620	ng	# 96
24) Nitrobenzene	9.37	77	151571	41.331	ng	99
25) Isophorone	9.88	82	293118	40.018	ng	99
26) 2-Nitrophenol	10.08	139	73417	41.464	ng	95
27) 2,4-Dimethylphenol	10.12	122	129206	46.919	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	174630	39.232	ng	100
29) 2,4-Dichlorophenol	10.61	162	138324	44.614	ng	93
30) 1,2,4-Trichlorobenzene	10.82	180	135364	38.799	ng	98
31) Naphthalene	11.02	128	393015	39.262	ng	99
32) Benzoic acid	10.25	122	72058m	39.470	ng	
33) 4-Chloroaniline	11.14	127	9667	2.277	ng	# 95
34) Hexachlorobutadiene	11.28	225	92302	38.716	ng	93
35) Caprolactam	11.91	113	30210m	25.507	ng	
36) 4-Chloro-3-methylphenol	12.24	107	148954	41.910	ng	98
37) 2-Methylnaphthalene	12.61	142	300667	40.176	ng	99
38) 1-Methylnaphthalene	12.83	142	288977	39.734	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	166440	38.644	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	217848	94.382	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	118159	46.859	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	125620m	44.197	ng		
46) 1,1'-Biphenyl	13.61	154	408392	39.056	ng		99
47) 2-Chloronaphthalene	13.66	162	316326	40.212	ng		99
48) 2-Nitroaniline	13.87	65	112145	44.360	ng		98
49) Acenaphthylene	14.50	152	505852	39.172	ng		99
50) Dimethylphthalate	14.22	163	422486	39.741	ng		100
51) 2,6-Dinitrotoluene	14.35	165	93825	41.632	ng		97
52) Acenaphthene	14.84	154	312978	40.268	ng		99
53) 3-Nitroaniline	14.69	138	27493	12.136	ng	#	93
54) 2,4-Dinitrophenol	14.89	184	85194	61.260	ng		98
55) Dibenzofuran	15.17	168	507945	39.832	ng		96
56) 4-Nitrophenol	14.99	139	132272	65.268	ng		93
57) 2,4-Dinitrotoluene	15.14	165	133499	42.157	ng	#	89
58) Fluorene	15.82	166	403699	40.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	122523	44.140	ng		100
60) Diethylphthalate	15.57	149	430123	40.871	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	217883	40.729	ng		99
62) 4-Nitroaniline	15.85	138	92325	37.592	ng		97
63) Azobenzene	16.10	77	391618	41.052	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	72033	40.483	ng		97
66) n-Nitrosodiphenylamine	16.02	169	373530	42.875	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	141086	41.884	ng		95
68) Hexachlorobenzene	16.81	284	143986	41.237	ng		96
69) Atrazine	16.96	200	147010	42.875	ng		96
70) Pentachlorophenol	17.16	266	183204	83.080	ng		99
71) Phenanthrene	17.57	178	668421	40.325	ng		99
72) Anthracene	17.65	178	679472	42.065	ng		99
73) Carbazole	17.92	167	590164	40.527	ng		99
74) Di-n-butylphthalate	18.45	149	725614	42.351	ng		99
75) Fluoranthene	19.56	202	786199	40.133	ng		97
77) Benzidine	19.75	184	38665	4.114	ng		99
78) Pyrene	19.93	202	793085	41.212	ng		99
80) Butylbenzylphthalate	20.79	149	338676	45.425	ng		95
81) Benzo(a)anthracene	21.79	228	755117	40.684	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	97767	14.428	ng		99
83) Chrysene	21.86	228	719996	40.013	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	466576	44.533	ng		100
85) Di-n-octyl phthalate	22.90	149	795164	45.837	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	855207	41.895	ng		97
88) Benzo(b)fluoranthene	24.09	252	751714	41.252	ng		98
89) Benzo(k)fluoranthene	24.17	252	729573	43.011	ng		97
90) Benzo(a)pyrene	25.01	252	728169	43.244	ng		99
91) Dibenzo(a,h)anthracene	29.11	278	692664	41.960	ng		98
92) Benzo(g,h,i)perylene	30.27	276	709616	42.802	ng		98

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

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