Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043218.D
Acq On : 15 Oct 2019 14:42
Operator : JU
Sample : K5348-11MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:21 AM

Quant Time: Oct 16 01:34:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50138	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	191957	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	137356	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	329008	20.00	ng	0.00
76) Chrysene-d12	21.70	240	358419	20.00	ng	0.00
87) Perylene-d12	24.92	264	422398	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	203334	72.38	ng	0.00
7) Phenol-d6	7.22	99	416404	102.92	ng	0.00
23) Nitrobenzene-d5	9.21	82	264755	67.04	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	150099	63.55	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	644340	68.01	ng	0.00
79) Terphenyl-d14	20.03	244	1184231	70.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	38480	32.851	ng	# 89
3) Pyridine	3.92	79	91972	27.917	ng	85
4) n-Nitrosodimethylamine	3.83	42	57387	36.222	ng	# 84
6) Aniline	7.38	93	99987	20.473	ng	93
8) 2-Chlorophenol	7.62	128	135761	46.337	ng	95
9) Benzaldehyde	7.19	77	78149	31.611	ng	89
10) Phenol	7.25	94	205766	55.435	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	109376	38.084	ng	91
12) 1,3-Dichlorobenzene	7.94	146	145904	39.037	ng	98
13) 1,4-Dichlorobenzene	8.09	146	151490	40.658	ng	98
14) 1,2-Dichlorobenzene	8.41	146	144179	40.645	ng	94
15) Benzyl Alcohol	8.29	79	121311	39.882	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	161316	29.248	ng	97
17) 2-Methylphenol	8.50	107	114443	44.063	ng	96
18) Hexachloroethane	9.13	117	53857	38.381	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	100137	37.694	ng	91
20) 3+4-Methylphenols	8.82	107	155668	43.736	ng	97
22) Acetophenone	8.87	105	196011	39.614	ng	# 92
24) Nitrobenzene	9.26	77	157217	41.735	ng	98
25) Isophorone	9.77	82	287594	41.457	ng	96
26) 2-Nitrophenol	9.97	139	78996	49.261	ng	93
27) 2,4-Dimethylphenol	10.03	122	126224	51.254	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	156490	39.760	ng	95
29) 2,4-Dichlorophenol	10.51	162	143473	46.843	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	166090	41.992	ng	95
31) Naphthalene	10.91	128	412811	43.687	ng	99
32) Benzoic acid	10.18	122	58204	32.806	ng	100
33) 4-Chloroaniline	11.03	127	46832	11.422	ng	94
34) Hexachlorobutadiene	11.19	225	117332	39.618	ng	94
35) Caprolactam	11.78	113	46621m	43.163	ng	
36) 4-Chloro-3-methylphenol	12.14	107	154209	46.306	ng	94
37) 2-Methylnaphthalene	12.51	142	320063	44.400	ng	95
38) 1-Methylnaphthalene	12.72	142	306356	44.913	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	210929	40.842	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	240792	73.176	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	136096	45.023	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	150955	48.477	ng		97
46) 1,1'-Biphenyl	13.51	154	440680	42.307	ng		98
47) 2-Chloronaphthalene	13.55	162	345564	44.249	ng		99
48) 2-Nitroaniline	13.76	65	103536	39.867	ng		87
49) Acenaphthylene	14.40	152	560928	46.940	ng		98
50) Dimethylphthalate	14.13	163	554724	53.901	ng		99
51) 2,6-Dinitrotoluene	14.25	165	103054	47.021	ng		93
52) Acenaphthene	14.74	154	333644	41.713	ng		100
53) 3-Nitroaniline	14.59	138	46555	20.554	ng		94
54) 2,4-Dinitrophenol	14.79	184	116858	85.780	ng		98
55) Dibenzofuran	15.07	168	542126	45.818	ng		98
56) 4-Nitrophenol	14.90	139	163684	94.847	ng		91
57) 2,4-Dinitrotoluene	15.04	165	148585	46.296	ng	#	91
58) Fluorene	15.73	166	457239	45.263	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	150945	45.526	ng		98
60) Diethylphthalate	15.49	149	454360	43.381	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	262866	43.388	ng		98
62) 4-Nitroaniline	15.75	138	98191	39.750	ng		99
63) Azobenzene	16.01	77	400830	42.035	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91989	49.410	ng		91
66) n-Nitrosodiphenylamine	15.93	169	406898	46.849	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	187044	45.296	ng		98
68) Hexachlorobenzene	16.73	284	212107	46.132	ng		98
69) Atrazine	16.87	200	156638	42.828	ng		97
70) Pentachlorophenol	17.08	266	252701	95.250	ng		100
71) Phenanthrene	17.47	178	738392	45.971	ng		98
72) Anthracene	17.56	178	766498	47.801	ng		100
73) Carbazole	17.82	167	683958	45.996	ng		99
74) Di-n-butylphthalate	18.38	149	801343	45.168	ng		98
75) Fluoranthene	19.48	202	976222	45.950	ng		98
77) Benzidine	19.66	184	330950	36.877	ng		99
78) Pyrene	19.83	202	984647	46.027	ng		100
80) Butylbenzylphthalate	20.71	149	375906	46.293	ng		98
81) Benzo(a)anthracene	21.68	228	1012128	45.320	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	269064	30.718	ng		98
83) Chrysene	21.74	228	993623	45.848	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	541238	46.843	ng		98
85) Di-n-octyl phthalate	22.79	149	921916	48.794	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1332067	49.372	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1112990	46.568	ng		100
89) Benzo(k)fluoranthene	23.96	252	1059222	44.799	ng		100
90) Benzo(a)pyrene	24.77	252	1088060	48.253	ng		100
91) Dibenzo(a,h)anthracene	28.66	278	1119710	48.426	ng		99
92) Benzo(g,h,i)perylene	29.75	276	1096704	48.952	ng		96

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

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