Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043384.D
Acq On : 29 Oct 2019 21:32
Operator : JU
Sample : K5541-11MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
17-20-(0-2.5)MSD

Manual Integrations APPROVED
mohammad
10/30/2019 4:54:35 PM

Quant Time: Oct 30 08:32:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	44458	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	162494	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117657	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	269617	20.00	ng	0.00
76) Chrysene-d12	21.67	240	292176	20.00	ng	0.00
87) Perylene-d12	24.86	264	349357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	276227	113.85	ng	0.00
7) Phenol-d6	7.22	99	399992	114.59	ng	0.02
23) Nitrobenzene-d5	9.19	82	241328	76.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	242165	108.16	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	547888	64.35	ng	0.00
79) Terphenyl-d14	20.00	244	982485	63.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	34222	36.196	ng	# 94
3) Pyridine	3.89	79	88438	37.082	ng	98
4) n-Nitrosodimethylamine	3.80	42	52570	43.682	ng	# 92
6) Aniline	7.35	93	134546	33.460	ng	98
8) 2-Chlorophenol	7.60	128	126598	47.270	ng	99
9) Benzaldehyde	7.17	77	67884	39.572	ng	96
10) Phenol	7.24	94	162713	51.011	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	107624	43.641	ng	96
12) 1,3-Dichlorobenzene	7.91	146	142326	42.415	ng	97
13) 1,4-Dichlorobenzene	8.06	146	141329	41.629	ng	99
14) 1,2-Dichlorobenzene	8.38	146	136274	41.110	ng	98
15) Benzyl Alcohol	8.27	79	109534	44.680	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	141963	39.589	ng	96
17) 2-Methylphenol	8.49	107	108535	46.675	ng	99
18) Hexachloroethane	9.11	117	49555	40.457	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	93523	41.463	ng	98
20) 3+4-Methylphenols	8.82	107	142345	44.642	ng	92
22) Acetophenone	8.85	105	179640	43.169	ng	97
24) Nitrobenzene	9.23	77	140003	46.628	ng	97
25) Isophorone	9.75	82	262896	45.622	ng	99
26) 2-Nitrophenol	9.94	139	74620	51.477	ng	91
27) 2,4-Dimethylphenol	10.01	122	116334	55.994	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	144016	45.282	ng	98
29) 2,4-Dichlorophenol	10.49	162	137554	51.673	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	152398	45.423	ng	99
31) Naphthalene	10.88	128	402382	48.785	ng	99
32) Benzoic acid	10.18	122	64911	42.253	ng	89
33) 4-Chloroaniline	11.00	127	69510	20.559	ng	97
34) Hexachlorobutadiene	11.17	225	106777	43.052	ng	96
35) Caprolactam	11.77	113	42358m	46.202	ng	
36) 4-Chloro-3-methylphenol	12.13	107	141964	48.891	ng	100
37) 2-Methylnaphthalene	12.48	142	303544	47.964	ng	98
38) 1-Methylnaphthalene	12.70	142	285948	47.488	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	198021	45.477	ng	98

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Quant Time: Oct 30 08:32:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	191905	83.899	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	125040	48.762	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	133923	51.659	ng		96
46) 1,1'-Biphenyl	13.49	154	404419	45.183	ng		98
47) 2-Chloronaphthalene	13.53	162	312982	45.957	ng		99
48) 2-Nitroaniline	13.74	65	93237	45.806	ng		92
49) Acenaphthylene	14.37	152	507967	47.925	ng		98
50) Dimethylphthalate	14.11	163	486753	53.411	ng		99
51) 2,6-Dinitrotoluene	14.23	165	94555	47.759	ng		95
52) Acenaphthene	14.72	154	312147	48.292	ng		99
53) 3-Nitroaniline	14.56	138	58409	30.556	ng		99
54) 2,4-Dinitrophenol	14.77	184	63068	53.651	ng		93
55) Dibenzofuran	15.05	168	501330	47.827	ng		100
56) 4-Nitrophenol	14.90	139	138030	107.755	ng		97
57) 2,4-Dinitrotoluene	15.01	165	131549	46.493	ng		95
58) Fluorene	15.70	166	424645	48.302	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	138297	50.210	ng	#	97
60) Diethylphthalate	15.47	149	406702	44.415	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	233518	45.531	ng		99
62) 4-Nitroaniline	15.73	138	81715	41.393	ng		98
63) Azobenzene	15.98	77	343634	46.369	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	57682	36.353	ng		97
66) n-Nitrosodiphenylamine	15.90	169	363842	47.799	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	169387	46.683	ng		99
68) Hexachlorobenzene	16.71	284	188139	45.172	ng		98
69) Atrazine	16.85	200	157261	59.456	ng		95
70) Pentachlorophenol	17.05	266	201483	106.165	ng		93
71) Phenanthrene	17.44	178	812428	58.844	ng		99
72) Anthracene	17.53	178	705574	51.078	ng		99
73) Carbazole	17.80	167	616941	49.319	ng		99
74) Di-n-butylphthalate	18.35	149	701851	46.241	ng		100
75) Fluoranthene	19.45	202	1085916	60.331	ng		99
77) Benzidine	19.63	184	353554	60.127	ng		98
78) Pyrene	19.81	202	1050998	58.113	ng		98
80) Butylbenzylphthalate	20.69	149	321410	46.909	ng		98
81) Benzo(a)anthracene	21.64	228	987442	53.954	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	289417	40.885	ng		97
83) Chrysene	21.71	228	938876	51.632	ng		97
84) Bis(2-ethylhexyl)phthalate	21.54	149	475139	48.817	ng		99
85) Di-n-octyl phthalate	22.75	149	818492	49.567	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1202375	52.676	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	1046633	52.896	ng		97
89) Benzo(k)fluoranthene	23.92	252	1004821	50.445	ng		98
90) Benzo(a)pyrene	24.72	252	974530	51.577	ng		97
91) Dibenzo(a,h)anthracene	28.56	278	968188	50.097	ng		100
92) Benzo(g,h,i)perylene	29.64	276	1022653	53.644	ng		97

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

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