Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043351.D
Acq On : 28 Oct 2019 15:44
Operator : JU
Sample : PB124258BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124258BS

Manual Integrations APPROVED
mohammad
10/29/2019 3:34:33 PM

Quant Time: Oct 29 13:27:25 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	38449	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	150544	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	110395	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	257756	20.00	ng		0.00
76) Chrysene-d12	21.67	240	293720	20.00	ng		0.00
87) Perylene-d12	24.87	264	317830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	267536	127.51	ng		0.01
7) Phenol-d6	7.22	99	352142	116.65	ng		0.01
23) Nitrobenzene-d5	9.19	82	180018	61.65	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	233388	111.09	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	500139	62.60	ng		0.00
79) Terphenyl-d14	20.00	244	998744	63.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30769	37.630	ng	#	92
3) Pyridine	3.89	79	70313	34.090	ng		92
4) n-Nitrosodimethylamine	3.80	42	42954	41.270	ng		91
6) Aniline	7.35	93	115068	33.088	ng		99
8) 2-Chlorophenol	7.60	128	106243	45.869	ng		97
9) Benzaldehyde	7.16	77	59446	40.069	ng		90
10) Phenol	7.25	94	127459	46.204	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	85917	40.284	ng		97
12) 1,3-Dichlorobenzene	7.92	146	114389	39.417	ng		98
13) 1,4-Dichlorobenzene	8.06	146	118069	40.212	ng		99
14) 1,2-Dichlorobenzene	8.38	146	111981	39.061	ng		96
15) Benzyl Alcohol	8.27	79	89694	42.305	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	116798	37.661	ng		96
17) 2-Methylphenol	8.49	107	91288	45.394	ng		92
18) Hexachloroethane	9.11	117	40445	38.180	ng		93
19) n-Nitroso-di-n-propylamine	8.83	70	77924	39.946	ng		97
20) 3+4-Methylphenols	8.82	107	117903	42.755	ng		87
22) Acetophenone	8.85	105	149353	38.740	ng	#	98
24) Nitrobenzene	9.23	77	117481	42.233	ng		95
25) Isophorone	9.75	82	214726	40.220	ng		97
26) 2-Nitrophenol	9.94	139	60729	45.220	ng		90
27) 2,4-Dimethylphenol	10.01	122	100089	51.999	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	120057	40.745	ng		98
29) 2,4-Dichlorophenol	10.50	162	112490	45.612	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	124176	39.949	ng		97
31) Naphthalene	10.88	128	318761	41.714	ng		98
32) Benzoic acid	10.18	122	49509	36.384	ng		97
33) 4-Chloroaniline	11.00	127	67676	21.605	ng		93
34) Hexachlorobutadiene	11.17	225	87767	38.197	ng		98
35) Caprolactam	11.76	113	33142m	39.019	ng		
36) 4-Chloro-3-methylphenol	12.14	107	118495	44.048	ng		97
37) 2-Methylnaphthalene	12.48	142	243494	41.529	ng		95
38) 1-Methylnaphthalene	12.70	142	231917	41.572	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156404	38.282	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	196906	91.748	ng		95
43) 2,4,6-Trichlorophenol	13.10	196	103326	42.945	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	107423	44.163	ng		95
46) 1,1'-Biphenyl	13.49	154	329111	39.188	ng		100
47) 2-Chloronaphthalene	13.53	162	255646	40.007	ng		100
48) 2-Nitroaniline	13.74	65	76418	40.013	ng		96
49) Acenaphthylene	14.37	152	412262	41.454	ng		99
50) Dimethylphthalate	14.11	163	337056	39.418	ng		100
51) 2,6-Dinitrotoluene	14.23	165	76516	41.190	ng		96
52) Acenaphthene	14.71	154	244091	40.247	ng		96
53) 3-Nitroaniline	14.57	138	50733	28.287	ng	#	90
54) 2,4-Dinitrophenol	14.77	184	86886	75.365	ng		93
55) Dibenzofuran	15.05	168	408794	41.565	ng		99
56) 4-Nitrophenol	14.90	139	111660	92.903	ng		96
57) 2,4-Dinitrotoluene	15.01	165	110275	41.538	ng		95
58) Fluorene	15.70	166	336465	40.789	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	113970	44.100	ng	#	99
60) Diethylphthalate	15.47	149	343650	39.998	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	194297	40.376	ng		99
62) 4-Nitroaniline	15.73	138	72670	39.233	ng		91
63) Azobenzene	15.98	77	282059	40.564	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	68677	45.275	ng		97
66) n-Nitrosodiphenylamine	15.91	169	302277	41.538	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	137635	39.678	ng		98
68) Hexachlorobenzene	16.71	284	156548	39.316	ng		99
69) Atrazine	16.85	200	132939	52.573	ng		95
70) Pentachlorophenol	17.05	266	177915	98.060	ng		95
71) Phenanthrene	17.44	178	546871	41.433	ng		99
72) Anthracene	17.53	178	557746	42.235	ng		99
73) Carbazole	17.80	167	506025	42.314	ng		100
74) Di-n-butylphthalate	18.35	149	603223	41.572	ng		99
75) Fluoranthene	19.45	202	741022	43.064	ng		98
77) Benzidine	19.63	184	227100	38.419	ng		97
78) Pyrene	19.81	202	744892	40.971	ng		99
80) Butylbenzylphthalate	20.69	149	275868	40.050	ng		98
81) Benzo(a)anthracene	21.64	228	766747	41.675	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	253071	35.563	ng		99
83) Chrysene	21.71	228	753348	41.211	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	406790	41.575	ng		99
85) Di-n-octyl phthalate	22.75	149	696306	41.946	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	977057	42.580	ng	#	97
88) Benzo(b)fluoranthene	23.84	252	813051	45.167	ng		98
89) Benzo(k)fluoranthene	23.92	252	832904	45.962	ng		99
90) Benzo(a)pyrene	24.71	252	752453	43.774	ng		100
91) Dibenzo(a,h)anthracene	28.56	278	820073	46.642	ng		99
92) Benzo(g,h,i)perylene	29.64	276	824205	47.523	ng		99

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

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