Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045070.D
Acq On : 18 Apr 2020 17:03
Operator : CG/JU
Sample : L2283-04MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PA-5MS

Manual Integrations APPROVED
mohammad
4/20/2020 2:41:01 PM

Quant Time: Apr 20 03:46:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	53302	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	230813	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	185300	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	472144	20.00	ng		0.00
76) Chrysene-d12	21.67	240	432628	20.00	ng		0.00
87) Perylene-d12	24.85	264	466938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	286511	88.74	ng		0.00
7) Phenol-d6	7.19	99	443426	92.44	ng		0.00
23) Nitrobenzene-d5	9.18	82	266951	52.77	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	264852	92.52	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	702276	55.57	ng		0.00
79) Terphenyl-d14	20.01	244	1375869	69.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	69214	48.239	ng		98
3) Pyridine	3.88	79	200556	45.397	ng		99
4) n-Nitrosodimethylamine	3.79	42	79906	59.043	ng		87
6) Aniline	7.34	93	265308	42.539	ng		97
8) 2-Chlorophenol	7.59	128	238179	68.643	ng		97
9) Benzaldehyde	7.15	77	113812	43.015	ng		96
10) Phenol	7.21	94	334207	69.625	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	210568	55.097	ng		99
12) 1,3-Dichlorobenzene	7.91	146	237410	58.064	ng		98
13) 1,4-Dichlorobenzene	8.06	146	241024	59.159	ng		98
14) 1,2-Dichlorobenzene	8.38	146	224990	57.723	ng		93
15) Benzyl Alcohol	8.26	79	245975	61.161	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	196441	52.363	ng		96
17) 2-Methylphenol	8.47	107	224324	60.570	ng		95
18) Hexachloroethane	9.11	117	88554	57.817	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	191534	56.461	ng		98
20) 3+4-Methylphenols	8.79	107	315955	60.950	ng		96
22) Acetophenone	8.84	105	353898	56.698	ng	#	98
24) Nitrobenzene	9.22	77	299259	57.715	ng		97
25) Isophorone	9.75	82	554962	53.573	ng		99
26) 2-Nitrophenol	9.93	139	137085	61.377	ng		93
27) 2,4-Dimethylphenol	10.00	122	224745	63.417	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	311295	57.194	ng		98
29) 2,4-Dichlorophenol	10.48	162	270812	66.179	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	268942	58.048	ng		97
31) Naphthalene	10.88	128	727604	57.625	ng		99
32) Benzoic acid	10.16	122	197826	66.298	ng		98
33) 4-Chloroaniline	10.98	127	119030	20.214	ng		95
34) Hexachlorobutadiene	11.18	225	179282	56.439	ng		98
35) Caprolactam	11.76	113	105411m	64.724	ng		
36) 4-Chloro-3-methylphenol	12.11	107	325746	67.763	ng		96
37) 2-Methylnaphthalene	12.49	142	580994	59.282	ng		96
38) 1-Methylnaphthalene	12.71	142	554290	59.909	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	324103	54.323	ng		98

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Quant Time: Apr 20 03:46:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	412216	110.545	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	256113	60.824	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	279716	58.361	ng		97
46) 1,1'-Biphenyl	13.49	154	763325	54.198	ng		99
47) 2-Chloronaphthalene	13.53	162	593038	55.106	ng		97
48) 2-Nitroaniline	13.73	65	208823	58.976	ng		98
49) Acenaphthylene	14.38	152	999802	57.036	ng		99
50) Dimethylphthalate	14.11	163	932960	61.835	ng		98
51) 2,6-Dinitrotoluene	14.23	165	199275	59.049	ng		95
52) Acenaphthene	14.72	154	792886m	66.853	ng		
53) 3-Nitroaniline	14.56	138	126010	34.045	ng		93
54) 2,4-Dinitrophenol	14.76	184	274335	136.708	ng		95
55) Dibenzofuran	15.06	168	1005345	58.142	ng		99
56) 4-Nitrophenol	14.87	139	342662	119.400	ng		94
57) 2,4-Dinitrotoluene	15.01	165	292454	59.299	ng		98
58) Fluorene	15.71	166	836148	59.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	281606	66.033	ng		98
60) Diethylphthalate	15.48	149	895992	56.958	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	463250	56.984	ng		100
62) 4-Nitroaniline	15.72	138	213786	55.688	ng		97
63) Azobenzene	15.99	77	852540	58.783	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	198154	63.850	ng		96
66) n-Nitrosodiphenylamine	15.91	169	766139	56.477	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	333058	54.680	ng		96
68) Hexachlorobenzene	16.72	284	362850	57.439	ng		96
69) Atrazine	16.87	200	327868	68.791	ng		98
70) Pentachlorophenol	17.06	266	463191	119.523	ng		100
71) Phenanthrene	17.45	178	1380060	56.881	ng		99
72) Anthracene	17.53	178	1403616	57.673	ng		99
73) Carbazole	17.80	167	1286333	52.083	ng		99
74) Di-n-butylphthalate	18.37	149	1531415	58.827	ng		99
75) Fluoranthene	19.45	202	1681219	61.171	ng		99
77) Benzidine	19.63	184	745051	61.664	ng		97
78) Pyrene	19.81	202	1635194	54.825	ng		99
80) Butylbenzylphthalate	20.70	149	695358	56.245	ng		100
81) Benzo(a)anthracene	21.65	228	1587234	56.605	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	377762	33.847	ng		95
83) Chrysene	21.71	228	1522077	56.495	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	945460	55.604	ng		100
85) Di-n-octyl phthalate	22.77	149	1626093	55.303	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	2069363	57.852	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	1772628m	60.605	ng		
89) Benzo(k)fluoranthene	23.92	252	1646331	59.187	ng		98
90) Benzo(a)pyrene	24.71	252	1613919	58.443	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	1678037	60.304	ng		97
92) Benzo(g,h,i)perylene	29.62	276	1713194	61.410	ng		97

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

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