Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051319\
Data File : BG040924.D
Acq On : 13 May 2019 23:12
Operator : HP/JU
Sample : IDOC-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-04

Manual Integrations APPROVED
Sohil
5/14/2019 8:04:43 PM

Quant Time: May 14 03:14:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	127223	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	577755	20.00	ng		-0.03
39) Acenaphthene-d10	14.76	164	428823	20.00	ng		-0.03
64) Phenanthrene-d10	17.50	188	1061257	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	1051780	20.00	ng		-0.04
87) Perylene-d12	25.14	264	1178315	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	945824	131.05	ng		-0.02
7) Phenol-d6	7.28	99	1351024	121.58	ng		-0.01
23) Nitrobenzene-d5	9.31	82	824330	65.93	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	781386	132.57	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	1814853	61.12	ng		-0.03
79) Terphenyl-d14	20.10	244	2853533	60.11	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	36815	11.216	ng		93
3) Pyridine	3.93	79	105334	11.072	ng		91
4) n-Nitrosodimethylamine	3.86	42	58174	11.024	ng		90
6) Aniline	7.46	93	131356	8.918	ng		96
8) 2-Chlorophenol	7.69	128	129869	14.737	ng		95
9) Benzaldehyde	7.27	77	63339	5.086	ng		91
10) Phenol	7.31	94	173029	14.485	ng		98
11) bis(2-Chloroethyl)ether	7.55	93	110672	12.355	ng		89
12) 1,3-Dichlorobenzene	8.01	146	126806	13.183	ng		95
13) 1,4-Dichlorobenzene	8.17	146	129144	13.244	ng		95
14) 1,2-Dichlorobenzene	8.48	146	127099	13.516	ng		96
15) Benzyl Alcohol	8.37	79	143420	12.404	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	180824	10.139	ng		94
17) 2-Methylphenol	8.56	107	122984	14.548	ng		94
18) Hexachloroethane	9.21	117	50608	12.652	ng		97
19) n-Nitroso-di-n-propylamine	8.93	70	113253	11.322	ng		93
20) 3+4-Methylphenols	8.89	107	169084	14.358	ng		97
22) Acetophenone	8.96	105	211409	13.159	ng	#	92
24) Nitrobenzene	9.35	77	173029	12.970	ng		97
25) Isophorone	9.87	82	322867	11.592	ng		98
26) 2-Nitrophenol	10.06	139	77722	16.253	ng		96
27) 2,4-Dimethylphenol	10.10	122	140142	15.619	ng		97
28) bis(2-Chloroethoxy)methane	10.35	93	172827	12.368	ng		99
29) 2,4-Dichlorophenol	10.59	162	156101	15.303	ng		96
30) 1,2,4-Trichlorobenzene	10.81	180	165196	14.604	ng		99
31) Naphthalene	11.01	128	402572	13.116	ng		99
32) Benzoic acid	10.23	122	98771	16.080	ng		97
33) 4-Chloroaniline	11.11	127	99334	7.299	ng		96
34) Hexachlorobutadiene	11.26	225	117106	14.023	ng		96
35) Caprolactam	11.90	113	50412m	12.518	ng		
36) 4-Chloro-3-methylphenol	12.22	107	176686	13.730	ng		99
37) 2-Methylnaphthalene	12.60	142	309784	13.499	ng		98
38) 1-Methylnaphthalene	12.82	142	299953	13.372	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	226022	14.149	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	267139	28.339	ng		99
43) 2,4,6-Trichlorophenol	13.19	196	151836	15.728	ng		97
44) 2,4,5-Trichlorophenol	13.27	196	162950	15.495	ng		95
46) 1,1'-Biphenyl	13.60	154	420297	12.624	ng		94
47) 2-Chloronaphthalene	13.64	162	347346	13.331	ng		98
48) 2-Nitroaniline	13.85	65	125815	13.565	ng		89
49) Acenaphthylene	14.49	152	546853	12.370	ng		100
50) Dimethylphthalate	14.21	163	484703	13.509	ng		98
51) 2,6-Dinitrotoluene	14.34	165	106101	15.152	ng	#	82
52) Acenaphthene	14.82	154	316939	12.311	ng		97
53) 3-Nitroaniline	14.67	138	79793	11.121	ng	#	89
54) 2,4-Dinitrophenol	14.87	184	96040	29.201	ng		91
55) Dibenzofuran	15.16	168	555675	13.178	ng		97
56) 4-Nitrophenol	14.97	139	168628	27.105	ng	#	85
57) 2,4-Dinitrotoluene	15.12	165	148981	15.657	ng		88
58) Fluorene	15.81	166	448334	13.154	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	169696	16.032	ng		95
60) Diethylphthalate	15.56	149	496440	13.114	ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	280372	14.144	ng		95
62) 4-Nitroaniline	15.83	138	102975	12.830	ng		86
63) Azobenzene	16.08	77	447707	11.484	ng		95
65) 4,6-Dinitro-2-methylphenol	15.88	198	78853	19.950	ng		82
66) n-Nitrosodiphenylamine	16.01	169	416352	13.335	ng		97
67) 4-Bromophenyl-phenylether	16.69	248	185930	14.062	ng	#	92
68) Hexachlorobenzene	16.80	284	198802	14.541	ng		94
69) Atrazine	16.95	200	171649	13.876	ng		96
70) Pentachlorophenol	17.15	266	250369	31.296	ng		98
71) Phenanthrene	17.55	178	765615	13.394	ng		99
72) Anthracene	17.64	178	789332	13.738	ng		99
73) Carbazole	17.91	167	688167	13.146	ng		99
74) Di-n-butylphthalate	18.44	149	832670	13.179	ng		99
75) Fluoranthene	19.55	202	997993	14.010	ng		98
77) Benzidine	19.73	184	299213	10.390	ng		98
78) Pyrene	19.91	202	996855	15.122	ng		100
80) Butylbenzylphthalate	20.78	149	378619	14.736	ng		91
81) Benzo(a)anthracene	21.77	228	975691	14.678	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	258022	10.890	ng		98
83) Chrysene	21.83	228	960114	15.187	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	533183	14.376	ng		95
85) Di-n-octyl phthalate	22.89	149	915357	14.655	ng		95
86) Indeno(1,2,3-cd)pyrene	28.97	276	1180197	15.441	ng	#	90
88) Benzo(b)fluoranthene	24.05	252	1007137	13.987	ng		98
89) Benzo(k)fluoranthene	24.13	252	966409m	14.371	ng		
90) Benzo(a)pyrene	24.97	252	975739	14.316	ng	#	99
91) Dibenzo(a,h)anthracene	29.04	278	969739	14.059	ng		97
92) Benzo(g,h,i)perylene	30.19	276	979737	14.272	ng		99

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

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