Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044201.D
Acq On : 25 Jan 2020 4:26
Operator : CG/JU
Sample : L1007-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Manual Integrations APPROVED
mohammad
1/28/2020 8:11:46 AM

Quant Time: Jan 27 04:25:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90594	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	390893	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	250553	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	521662	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	430417	20.00	ng		-0.03
87) Perylene-d12	24.66	264	497435	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	699064	141.68	ng		-0.02
7) Phenol-d6	7.11	99	860202	124.72	ng		-0.02
23) Nitrobenzene-d5	9.09	82	634683	86.86	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	369695	141.00	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1366412	98.81	ng		-0.04
79) Terphenyl-d14	19.93	244	1872239	114.29	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	86219	40.077	ng	#	34
3) Pyridine	3.81	79	176058	27.702	ng		95
4) n-Nitrosodimethylamine	3.71	42	122049	43.134	ng		99
6) Aniline	7.25	93	233302	25.754	ng		98
8) 2-Chlorophenol	7.50	128	301660	52.079	ng		96
9) Benzaldehyde	7.06	77	150862	34.177	ng		99
10) Phenol	7.13	94	324645	45.687	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	278769	45.448	ng		99
12) 1,3-Dichlorobenzene	7.82	146	292756	43.190	ng		98
13) 1,4-Dichlorobenzene	7.96	146	293479	43.881	ng		99
14) 1,2-Dichlorobenzene	8.29	146	280056	43.626	ng		100
15) Benzyl Alcohol	8.17	79	258970	47.577	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	379146	39.953	ng		98
17) 2-Methylphenol	8.38	107	250836	48.779	ng		98
18) Hexachloroethane	9.02	117	110204	42.347	ng		95
19) n-Nitroso-di-n-propylamine	8.73	70	229624	44.707	ng		98
20) 3+4-Methylphenols	8.70	107	342368	47.726	ng		96
22) Acetophenone	8.75	105	419294	43.146	ng	#	98
24) Nitrobenzene	9.13	77	321555	44.432	ng		98
25) Isophorone	9.66	82	626857	45.727	ng		99
26) 2-Nitrophenol	9.84	139	170455	49.783	ng		97
27) 2,4-Dimethylphenol	9.91	122	289546	56.178	ng		97
28) bis(2-Chloroethoxy)methane	10.14	93	392239	42.918	ng		99
29) 2,4-Dichlorophenol	10.38	162	297233	48.347	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	294006	42.651	ng		98
31) Naphthalene	10.78	128	881671	46.610	ng		99
32) Benzoic acid	10.05	122	93789	25.692	ng		97
33) 4-Chloroaniline	10.89	127	68993	7.647	ng		97
34) Hexachlorobutadiene	11.08	225	170578	40.529	ng		97
35) Caprolactam	11.66	113	83097m	36.308	ng		
36) 4-Chloro-3-methylphenol	12.02	107	321916	49.187	ng		98
37) 2-Methylnaphthalene	12.39	142	661554	46.454	ng		97
38) 1-Methylnaphthalene	12.61	142	631092	46.757	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	318965	43.434	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	361180	94.866	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	240567	47.608	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	252066	48.366	ng	100
46) 1,1'-Biphenyl	13.40	154	836821	46.583	ng	99
47) 2-Chloronaphthalene	13.44	162	654916	45.116	ng	98
48) 2-Nitroaniline	13.64	65	205571	44.024	ng	97
49) Acenaphthylene	14.29	152	1039923	49.842	ng	98
50) Dimethylphthalate	14.02	163	900645	50.626	ng	99
51) 2,6-Dinitrotoluene	14.13	165	190684	47.422	ng	99
52) Acenaphthene	14.63	154	656065	44.838	ng	97
53) 3-Nitroaniline	14.46	138	100292	21.964	ng	100
54) 2,4-Dinitrophenol	14.67	184	167773	81.770	ng	96
55) Dibenzofuran	14.97	168	990884	49.194	ng	98
56) 4-Nitrophenol	14.78	139	305903	87.423	ng	98
57) 2,4-Dinitrotoluene	14.93	165	266640	48.734	ng	98
58) Fluorene	15.61	166	770926	48.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	221403	49.405	ng	97
60) Diethylphthalate	15.39	149	846272	47.560	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	403748	46.574	ng	99
62) 4-Nitroaniline	15.63	138	188628	41.832	ng	96
63) Azobenzene	15.90	77	793441	48.082	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	141206	52.122	ng	98
66) n-Nitrosodiphenylamine	15.82	169	728782	47.440	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	261989	44.654	ng	99
68) Hexachlorobenzene	16.62	284	278685	44.082	ng	99
69) Atrazine	16.77	200	269188	53.907	ng	99
70) Pentachlorophenol	16.96	266	300460	86.215	ng	97
71) Phenanthrene	17.35	178	1195464	47.777	ng	99
72) Anthracene	17.44	178	1243644	50.292	ng	98
73) Carbazole	17.71	167	1098048	48.071	ng	97
74) Di-n-butylphthalate	18.27	149	1359682	46.622	ng	98
75) Fluoranthene	19.36	202	1367763	47.798	ng	97
77) Benzidine	19.54	184	265638	24.553	ng	97
78) Pyrene	19.72	202	1384491	49.279	ng	97
80) Butylbenzylphthalate	20.61	149	655028	48.971	ng	97
81) Benzo(a)anthracene	21.54	228	1313228	49.205	ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	263188	24.961	ng	97
83) Chrysene	21.61	228	1246775	49.164	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	906409	49.112	ng	97
85) Di-n-octyl phthalate	22.63	149	1575219	50.768	ng	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1637972	47.527	ng	99
88) Benzo(b)fluoranthene	23.69	252	1390137	47.272	ng	99
89) Benzo(k)fluoranthene	23.75	252	1359509	48.616	ng	99
90) Benzo(a)pyrene	24.52	252	1282167	46.196	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1337788	47.993	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1376057	49.699	ng	98

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

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