Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044666.D
Acq On : 3 Mar 2020 17:31
Operator : CG/JU
Sample : L1369-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-022820MS

Manual Integrations APPROVED
mohammad
3/4/2020 2:47:35 PM

Quant Time: Mar 04 04:18:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	48436m	20.00	ng		-0.07
21) Naphthalene-d8	10.61	136	193367	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	143883	20.00	ng		-0.06
64) Phenanthrene-d10	17.21	188	370787	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	362209	20.00	ng		-0.06
87) Perylene-d12	24.46	264	350761	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	385926	127.84	ng		-0.07
7) Phenol-d6	6.99	99	484415	117.23	ng		-0.06
23) Nitrobenzene-d5	8.96	82	328656	87.56	ng		-0.07
42) 2,4,6-Tribromophenol	15.95	330	302260	148.16	ng		-0.06
45) 2-Fluorobiphenyl	13.08	172	812382	80.85	ng		-0.06
79) Terphenyl-d14	19.83	244	1651461	86.31	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	52125	39.569	ng	#	55
3) Pyridine	3.65	79	140326	38.176	ng		98
4) n-Nitrosodimethylamine	3.55	42	61072	43.746	ng		94
6) Aniline	7.14	93	67800	13.476	ng		98
8) 2-Chlorophenol	7.38	128	160056	48.570	ng		99
9) Benzaldehyde	6.94	77	29771	12.252	ng		99
10) Phenol	7.01	94	173503	43.328	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	148140	44.006	ng		96
12) 1,3-Dichlorobenzene	7.69	146	167556	42.630	ng		99
13) 1,4-Dichlorobenzene	7.84	146	171311	43.369	ng		99
14) 1,2-Dichlorobenzene	8.16	146	162303	43.207	ng		98
15) Benzyl Alcohol	8.05	79	127859	45.880	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.34	45	195676	43.251	ng		98
17) 2-Methylphenol	8.26	107	132526	46.326	ng		97
18) Hexachloroethane	8.89	117	60009	41.569	ng		97
19) n-Nitroso-di-n-propylamine	8.62	70	116195	43.746	ng		99
20) 3+4-Methylphenols	8.59	107	183697	46.903	ng		99
22) Acetophenone	8.63	105	223511	46.039	ng	#	99
24) Nitrobenzene	9.00	77	168652	46.380	ng		97
25) Isophorone	9.53	82	327659	46.665	ng		99
26) 2-Nitrophenol	9.72	139	93419	47.371	ng		98
27) 2,4-Dimethylphenol	9.79	122	155942	56.318	ng		98
28) bis(2-Chloroethoxy)methane	10.02	93	202617	43.636	ng		99
29) 2,4-Dichlorophenol	10.26	162	166581	50.320	ng		98
30) 1,2,4-Trichlorobenzene	10.47	180	167929	43.863	ng		98
31) Naphthalene	10.66	128	481993	45.681	ng		99
32) Benzoic acid	9.96	122	82471	63.196	ng		97
33) 4-Chloroaniline	10.77	127	26751	5.756	ng		98
34) Hexachlorobutadiene	10.96	225	101968	42.410	ng		97
35) Caprolactam	11.54	113	59613m	50.302	ng		
36) 4-Chloro-3-methylphenol	11.91	107	185368	54.398	ng		96
37) 2-Methylnaphthalene	12.27	142	365041	46.812	ng		99
38) 1-Methylnaphthalene	12.49	142	348599	47.046	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	190781	39.386	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 16:11:23 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	192963	83.196	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	145619	46.300	ng	97
44) 2,4,5-Trichlorophenol	12.97	196	163984	50.756	ng	99
46) 1,1'-Biphenyl	13.29	154	483021	40.566	ng	98
47) 2-Chloronaphthalene	13.33	162	380716	40.775	ng	99
48) 2-Nitroaniline	13.53	65	120300	46.415	ng	99
49) Acenaphthylene	14.18	152	631598	45.826	ng	99
50) Dimethylphthalate	13.92	163	562318	48.420	ng	99
51) 2,6-Dinitrotoluene	14.03	165	126346	49.330	ng	99
52) Acenaphthene	14.52	154	385863	43.920	ng	100
53) 3-Nitroaniline	14.36	138	31456	11.388	ng	98
54) 2,4-Dinitrophenol	14.58	184	163873	104.180	ng	95
55) Dibenzofuran	14.86	168	631116	46.857	ng	99
56) 4-Nitrophenol	14.70	139	222929	117.327	ng	96
57) 2,4-Dinitrotoluene	14.83	165	188791	52.429	ng	99
58) Fluorene	15.51	166	518042	48.509	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	157923	53.080	ng	99
60) Diethylphthalate	15.29	149	562294	48.866	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	269020	46.330	ng	98
62) 4-Nitroaniline	15.53	138	84533	30.563	ng	96
63) Azobenzene	15.80	77	470177	48.012	ng	98
65) 4,6-Dinitro-2-methylphenol	15.60	198	124768	54.344	ng	95
66) n-Nitrosodiphenylamine	15.72	169	427304	36.945	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	192546	41.835	ng	99
68) Hexachlorobenzene	16.52	284	215801	41.471	ng	97
69) Atrazine	16.67	200	52753	12.338	ng	97
70) Pentachlorophenol	16.87	266	249658	96.407	ng	98
71) Phenanthrene	17.25	178	923467	44.986	ng	99
72) Anthracene	17.34	178	951123	47.016	ng	97
73) Carbazole	17.61	167	670436	36.409	ng	99
74) Di-n-butylphthalate	18.18	149	1045952	45.329	ng	99
75) Fluoranthene	19.26	202	1138147	46.836	ng	99
78) Pyrene	19.62	202	1156027	43.967	ng	98
80) Butylbenzylphthalate	20.52	149	506341	44.026	ng	98
81) Benzo(a)anthracene	21.43	228	1151866	45.247	ng	99
82) 3,3'-Dichlorobenzidine	21.35	252	20623	2.051	ng	94
83) Chrysene	21.48	228	1106155	44.941	ng	98
84) Bis(2-ethylhexyl)phthalate	21.35	149	732811	46.242	ng	99
85) Di-n-octyl phthalate	22.49	149	1230410	44.130	ng	99
86) Indeno(1,2,3-cd)pyrene	27.88	276	1382216	43.758	ng	99
88) Benzo(b)fluoranthene	23.51	252	1203544	52.187	ng	98
89) Benzo(k)fluoranthene	23.58	252	1181189	52.787	ng	100
90) Benzo(a)pyrene	24.32	252	1040160	48.005	ng	99
91) Dibenzo(a,h)anthracene	27.94	278	1182428	55.178	ng	99
92) Benzo(g,h,i)perylene	28.95	276	1137250	52.969	ng	98

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

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